

20020308.qrp v02_n488.qrl.20020308

Date: Fri, 8 Mar 2002 19:03:09 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2488

QRP-L Digest 2488

Topics covered in this issue include:

- 1) [121546] Re: Johnson KW Matchbox
by Arthur Moe <kb7ww@easystreet.com>
- 2) [121547] Re: portable vertical antenna
by "Bruce Shaw AG4NY" <ag4ny@ivwnet.com>
- 3) [121548] Re: Harbor Freight Hand Punch
by Arthur Moe <kb7ww@easystreet.com>
- 4) [121549] Re: Harbor Freight Hand Punch
by Arthur Moe <kb7ww@easystreet.com>
- 5) [121550] RE: Johnson KW Matchbox
by Nick Kennedy <nkennedy@tcainternet.com>
- 6) [121551] Re: QRP+ version number//QRP+ Experimentation.
by "carl seyersdahl" <carlseye@tampabay.rr.com>
- 7) [121552] Re: Atomic Clock
by Ray Sills <raysills@1stconnect.com>
- 8) [121553] RE: Johnson KW Matchbox
by "Steve & Anne Ray" <sbralr@earthlink.net>
- 9) [121554] RE: Pc Boards Got em ! but No Knowledge
by "Doug Henry" <dhenry@skyweb.ca>
- 10) [121555] Fox: Spots but heck!
by "Karl F. Larsen" <k5di@zianet.com>
- 11) [121556] Re: qrp freqs needed
by "Ingo, DK3RED" <dk3red@t-online.de>
- 12) [121557] Re: Atomic Clock
by Jim Campbell <jim-c@nc.rr.com>
- 13) [121558] RE: 7X4AN on 5 watts
by "N8IE" <n8ie@woh.rr.com>
- 14) [121559] Interference With Fox
by Jim Campbell <jim-c@nc.rr.com>
- 15) [121560] Re: Fox: Spots but heck!
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 16) [121561] Truffle K4FB
by Paul Womble <pwomble1@tampabay.rr.com>
- 17) [121562] Re: Pc Boards Got em ! but No Knowledge
by "Kevin M." <adverseyaw@twmi.rr.com>
- 18) [121563] FOX: Skunked!
by "Karl F. Larsen" <k5di@zianet.com>
- 19) [121564] Re: Interference With Fox

by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
20) [121565] Re: Skunked!
by "V Cortina" <vcortina@hvc.rr.com>
21) [121566] FOX: Got em both!
by "Jason Hissong" <jhisson1@columbus.rr.com>
22) [121567] 1 WATT SWEEP
by "Jim Stamper" <jstamper@shentel.net>
23) [121568] FOX -- YESSSSSSS!!!
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
24) [121569] Fox
by Pete Burbank <plburbank@kih.net>
25) [121570] FS or Trade: OHR100A and T-Kit 1340
by Riyadhth Al-Kazily <riyadth-q@rmci.net>
26) [121571] FOX FOX VE6EX (Final Log)
by Earl Murphy <earlmurf@telusplanet.net>
27) [121572] Flagpole to go
by Ray Sills <raysills@1stconnect.com>
28) [121573] Re: Fox: Spots but heck!
by "George, W5YR" <w5yr@att.net>
29) [121574] FOX: K0PC Fox Log Hunt #40 03/07
by Pat Cain <pcain@ix.netcom.com>
30) [121575] FOX: Many thanks.
by "Glenn Butzlaff" <gbutzlaff@wi.rr.com>
31) [121576] Re: Johnson KW Matchbox
by "John Moriarity" <k6qq@hdo.net>
32) [121577] Re: Harbor Freight Hand Punch
by "Brian Murrey" <brian@iquest.net>
33) [121578] Re: Skunked!
by "Karl F. Larsen" <k5di@zianet.com>
34) [121579] Final CUB FOX log KB7WW
by Arthur Moe <kb7ww@easystreet.com>
35) [121580] Re: Fox: Spots but heck!
by "Karl F. Larsen" <k5di@zianet.com>
36) [121581] RE: Pc Boards Got em ! but No Knowledge
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
37) [121582] Re: Interference With Fox
by Steve Yates <aa5tb@arrl.net>
38) [121583] big thanks
by Gary Lee <kb9zuv@arrl.net>
39) [121584] Wanted: NorCal paddle
by "Craig A. Ferris" <cferris@aeronix.com>
40) [121585] Re: Flagpole to go
by Patrick Gardella <pgardella@yahoo.com>
41) [121586] Re: Pc Boards Got em ! but No Knowledge
by "Ingo, DK3RED" <dk3red@t-online.de>
42) [121587] Re: qrp freqs needed
by "John J. McDonough" <wb8rcr@arrl.net>
43) [121588] Re: Interference With Fox

by Jim Campbell <jim-c@nc.rr.com>
44) [121589] PSK31 and OMNIV Questions
by John Bohnert <johnb@elmhcx9.elmhurst.edu>
45) [121590] Base Loaded vert vs middle loaded vert?
by Gary Slagel <gdslagel@yahoo.com>
46) [121591] RE: PSK31 and OMNIV Questions
by "Thor - N9IK" <n9ik@thorlind.com>
47) [121592] Re: PCB etchant
by "Brad Hernlem" <alihernlem@hotmail.com>
48) [121593] Re: Fox: Spots but heck!
by "George, W5YR" <w5yr@att.net>
49) [121594] Re: PCB etchant
by "ZOOM" <kandrparker@sympatico.ca>
50) [121595] Re: Fox
by "Jason Nochlin" <jman0iin@attbi.com>
51) [121596] Potentiometers
by jman0iin@attbi.com
52) [121597] MANY THANKS!
by "George, W5YR" <w5yr@att.net>
53) [121598] Re: MANY THANKS!
by "Brian" <brian@iquest.net>
54) [121599] Harbor Freight Hand Punch [part 2]
by Chuck Adams <k7qo@earthlink.net>
55) [121600] RE: Base Loaded vert vs middle loaded vert?
by "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
56) [121601] RE: Potentiometers
by Conrad Weiss <radman@best.com>
57) [121602] Re: Potentiometers
by "George, W5YR" <w5yr@att.net>
58) [121603] [OT] OMNI-VI+ discontinued, TT announces ORION
by Ken Hopper <khopper@uchicago.edu>
59) [121604] Re: [OT] OMNI-VI+ discontinued, TT announces ORION
by "Brian" <brian@iquest.net>
60) [121605] Now Showing - The ARS Sojourner
by Richard Fisher <ki6sn@yahoo.com>
61) [121606] Re: PSK31 and OMNIV Questions
by "DTX" <dtx@wood.tzo.com>
62) [121607] Re: [OT] OMNI-VI+ discontinued, TT announces ORION
by W2AGN <w2agn@pobox.com>
63) [121608] RE: Flagpole to go
by "Kory Hamzeh" <kory@avatar.com>
64) [121609] Re: Flagpole to go
by John Wagner <john@wagner-usa.net>
65) [121610] Re: Potentiometers
by "Jason Nochlin" <jman0iin@attbi.com>
66) [121611] RE: Flagpole to go
by "Kory Hamzeh" <kory@avatar.com>
67) [121612] RE: [OT] OMNI-VI+ discontinued, TT announces ORION

by "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
68) [121613] RE: Atomic Clock (with Atmel chip info for Time Code Receiver)
by "Tracy Markham" <tracy@bytemark.com>
69) [121614] RE: [OT] OMNI-VI+ discontinued, TT announces ORION
by Hank Kohl K8DD <k8dd@arrl.net>
70) [121615] TT announces ORION and Status of 516
by Kenneth Hoglund <hoglund@wfu.edu>
71) [121616] Re: [OT] OMNI-VI+ discontinued, TT announces ORION
by W2AGN <w2agn@pobox.com>
72) [121617] Re: [OT] OMNI-VI+ discontinued, TT announces ORION
by <n2go@arrl.net>
73) [121618] RE: [OT] OMNI-VI+ discontinued, TT announces ORION
by "K7FD N7SG" <k7fd@hotmail.com>
74) [121619] F/S Swap
by "Francis Callahan" <colcal@srv.net>
75) [121620] Re: Base Loaded vert vs middle loaded vert?
by Stephan Greene <sgreene@patriot.net>
76) [121621] Re: Flagpole to go
by Stephan Greene <sgreene@patriot.net>
77) [121622] Re: N4DD Preliminary Log Delinquency
by Bill Coleman <aa4lr@arrl.net>
78) [121623] Re: N4DD Preliminary Log Delinquency
by Bill Coleman <aa4lr@arrl.net>
79) [121624] re: desktop pen swivel / ball joint update
by "John_Evans" <jae@codenet.net>
80) [121625] Atlanticon - hotel, proceedings, goodies, new kits
by "George Heron N2APB" <n2apb@erols.com>
81) [121626] Re: TT announces ORION and Status of 516
by <igeq100@iupui.edu>
82) [121627] re: desktop pen swivel / ball joint update
by <duffy01@fuse.net>
83) [121628] re: desktop pen swivel / ball joint update
by "John_Evans" <jae@codenet.net>
84) [121629] Sold K2 & FT690R advert on QTH.com
by nilsbull@juno.com
85) [121630] re: desktop pen swivel / ball joint update
by "John_Evans" <jae@codenet.net>
86) [121631] March Bacon Bits
by "N8IE" <n8ie@woh.rr.com>
87) [121632] RE: Ladder line vs. coax
by W2SH@aol.com
88) [121633] Online tutorials
by Rich Fowler <k8meg@yahoo.com>
89) [121634] "alternate" browsers, e-mail, etc....
by "Rob Matherly" <kc0bom@arrl.net>
90) [121635] RMS Power
by "Karl F. Larsen" <k5di@zianet.com>
91) [121636] RE: "alternate" browsers, e-mail, etc....

- by "Kory Hamzeh" <kory@avatar.com>
- 92) [121637] Band interference
by ARDUJENSKI@aol.com
- 93) [121638] RE: "alternate" browsers, e-mail, etc....
by Mark Schoonover <schoon@amgt.com>
- 94) [121639] RE: "alternate" browsers, e-mail, etc....
by "Kory Hamzeh" <kory@avatar.com>
- 95) [121640] Re: Interference With Fox
by William R Colbert <w5xe@juno.com>
- 96) [121641] Re: Harbor Freight Hand Punch [part 2]
by "E. Roswell" <eroswell@monmouth.com>

Date: Fri, 08 Mar 2002 00:10:05 +0000
From: Arthur Moe <kb7ww@easystreet.com>
To: w5yr@att.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121546] Re: Johnson KW Matchbox
Message-ID: <3C88015D.73A820FB@easystreet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"George, W5YR" wrote:

>

> Right now I mainly need a reliable appraisal figure.

>

George, go to E-Bay and do a search on closed auctions for the Match Box you will soon see what the going price is. I wouldn't take \$300.00 for mine it's mint with SWR meter and Pickup.

Art
KB7WW

Date: Thu, 7 Mar 2002 19:08:42 -0500
From: "Bruce Shaw AG4NY" <ag4ny@ivwnet.com>
To: <jdorson@Worldshare.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [121547] Re: portable vertical antenna
Message-ID: <005501c1c635\$697c3a80\$5719273f@oemcomputer>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have not built this travel antenna but it looks interesting. Go to
<http://www.qsl.net/w0ch/foreign/travant.htm> for information.

72

Bruce Shaw
ag4ny
Gibsonville NC

----- Original Message -----

From: John Dorson <jdorson@Worldshare.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Thursday, March 07, 2002 3:53 PM
Subject: portable vertical antenna

> I am looking to build a portable vertical antenna using a base loaded coil
> and one of Radio Shacks collapsible 72" replacement rods. I am going on a
> cruise later this year and will have an outside room with a balcony. My
> thinking is to strap the antenna to the railing. The antenna would be
> adjusted by rod on top. Would like to be able to operate 30 and 20 meters.
> Not sure where to start on building the coil portion.

>

> Any advise/comments would be greatly appreciated.

>

> Thanks.

> John K2JHU...

> jdorson@worldshare.net

>

>

Date: Fri, 08 Mar 2002 00:17:45 +0000
From: Arthur Moe <kb7ww@easystreet.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121548] Re: Harbor Freight Hand Punch
Message-ID: <3C880329.D13FF6E2@easystreet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have punched .080 inch 6061 T6 Al., but you really need a good grip.

Art
KB7WW

Date: Fri, 08 Mar 2002 00:37:12 +0000
From: Arthur Moe <kb7ww@easystreet.com>
To: k7qo@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121549] Re: Harbor Freight Hand Punch
Message-ID: <3C8807B8.2084F2E7@easystreet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chuck Adams wrote:

>
> Gang,
>

> They have a hand punch Item Number 44060 that sells for under
> \$20 US currency. It is made in China and is the exact replacement
> for the hand punch that they had previously.

Chuck,

Is the punch in Metric or Decimal inch Sizes???

Art
KB7WW

Date: Thu, 7 Mar 2002 18:53:49 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'w5yr@att.net'" <w5yr@att.net>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121550] RE: Johnson KW Matchbox
Message-ID: <01C1C609.6C42B180.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

-----Original Message-----

From: George, W5YR [SMTP:w5yr@att.net]

>So, I really have no idea what they are worth these days.

George, when you're trying to price something, the AADE site is really helpful. He's compiled eBay stats on a large variety of ham equipment and shows things like high, low and average prices.

>You should know that these tuners cover only 80, 40, 20, 15 and 10 meters
- no WARC bands.

Well, sort of. There are only the positions for the five bands on the bandswitch. But with my smaller matchbox, I'm able to get a good match on 80, 40, 30, 20, 17, and 12 meters. (Not sure if I've tried 10.) You might have to try a standard position above and below to find the best match.

I'm using a 180 foot dipole with 450 ohm window line.

Works great; less filling. All that stuff.

72--Nick, WA5BDU

Date: Thu, 7 Mar 2002 20:01:47 -0500

From: "carl seyersdahl" <carlseye@tampabay.rr.com>

To: <ve3ab@mail.mondenet.com>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [121551] Re: QRP+ version number//QRP+ Experimentation.

Message-ID: <007401c1c63c\$d26ed1e0\$29221c18@tampabay.rr.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I just got notified that my message was not sent because the first line had a word that is apparently

verbodenIE: static!! why I don't know. However, if you have a problem with static electricity on the antenna, put a 1 meg., 500k, or even 100 k resistor to gnd. from the ant. terminal.. this is something I learned MANY years ago, in Kansas in the summertime!!!!!!

carl / kz5ca I hope this one gets thru!!!!

----- Original Message -----

From: <ve3ab@mail.mondenet.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Thursday, March 07, 2002 1:37 PM
Subject: Re: QRP+ version number//QRP+ Experimentation.

> I have a QRP+, 1255 nr on bottom cover. I think its original. Im
> curious about the differences in performance and any factory
> upgrades.
> Im going to add some protection to the SBL-1 front end rcv mixer.
> Mine got damaged 2 field days ago..must have been static electricity
> on antenna. I actually cut the old mixer out (left the original old
> pins and bottom of case intact..and piggy backed a new mixer on
> top..Now the rig works again. Was -50 db on rcv and low tx b4.
> Needs the back to back (4 diodes) to protect it and maybe a
> neon bulb lamp across the antenna or perhaps a VARISTOR? any ideas?
> Strong adjacent signals can cause some problems..ie W1AW on 80 mtrs
> here is vy strong and causes some blocking and spurs.
> >> I have a mixer from a spectrum analyser..in fact i have 2 of them.
> I was thinking of trying them or perhaps a higher quality of mixer
> than the SBL-1..I would welcome suggestions. The reciever is
> simple..but when you have a good quiet band..ie 10 meters..it would
> be nice to have a little more gain on rcv..ie serious weak sig work!
> My planned mod..is non destructive and reversible. It would add a
> good low noise preamp with relay to switch in and use existing
> NORM and -20db front panel switch. NORM would then be norm..and
> -20 db would be preamp added instead of atten...let me know any
> interesting ideas.....73 Earl VE3AB
>

Date: Thu, 07 Mar 2002 20:37:17 -0500
From: Ray Sills <raysills@1stconnect.com>
To: QRP list <qrp-l@lehigh.edu>
Subject: [121552] Re: Atomic Clock
Message-ID: <B8ACBC51.E88C%raysills@1stConnect.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Hi Gang"

Regarding...
73 de Ray
K2ULR
FN20t1

> From: "John J. McDonough" <wb8rcr@arrl.net>
snip
> I have an MFJ "atomic clock" which works quite well. Here in the middle of
> the mitten it syncs with NIST most nights, although it never can hear WWVB
> in the daylight.
snip

> Another thing I hadn't thought of, many folks indicated that locating their
> clock in a noisy area, like an office building, was a problem. That never
> occurred to me because I tend not to think of the clock as a radio. From
> the responses (and who knows how representative they are) it sounds as if
> these clocks are virtually useless in big eastern cities like NY and DC
> where you have a lot of noise and a weak signal.
>
> 72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
> didileydadidah QRP-L #1446 Code Warriors #35

Here at my QTH in Central NJ... proper alignment of the clock with respect to the west direction is very important. I assume the receiver part of the clock uses a ferrite loop type antenna, like most AM broadcast radios, and if I don't align the flat side of the clock toward west, I can't get a daily synchronization. But, as long as I do that, even in the summer, the clock will synchronize.

Date: Thu, 7 Mar 2002 20:54:38 -0500
From: "Steve & Anne Ray" <sbralr@earthlink.net>
To: <qrp-l@lehigh.edu>
Subject: [121553] RE: Johnson KW Matchbox
Message-ID: <000a01c1c644\$3645bba0\$6336b93f@home>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am able to match my Johnson Matchbox Junior on 80-10 meters, on 80, 40, 20 and 10 I use a 80 Meter dipole fed with ladder line. The matchbox is set for the appropriate band. On 30 and 15 meters I use a 30 meter dipole fed with ladder line with the match box set for 40 meters on 30 and 15 meters on 15. On 17 and 12 meters I use a 17 meter dipole fed with ladder line. The matchbox is set for 15 meters for 17 and 10 meters for 10.

I really prefer the matchbox it is easy to use and link coupled with no baluns.

When I first put up my 80 dipole it was easy to load with a home brew T Tuner and 4 to 1 balun, but the Matchbox did not quite have the range. I followed LB Cebik advise on adjusting the feed line length and was able to lengthen the feed line approx 10 feet and load all of 80 meters. The higher bands were no problem.

Suggest interested parties visit LB Cebik page on Transmission Lines, Impedance Coupling, and Construction <http://www.cebik.com/radio.html>

Also see <http://www.btinternet.com/~g4fgq.regp/page4.html#S401> equations on calculating impedance transformations, they are easy to use and allow you to play a lot of what if games.

Steve Ray K4JPN ex K1VKW
EM82ep Warner Robins GA
Elecraft K2 1422
Heath Fan HW-101, HW-8

Date: Thu, 7 Mar 2002 20:01:29 -0600
From: "Doug Henry" <dhenry@skyweb.ca>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [121554] RE: Pc Boards Got em ! but No Knowledge
Message-ID: <NFBBIHPJMLPLDIEEHLDP0EPGCDA.dhenry@skyweb.ca>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Does anybody know the URL for a site that details the manhattan construction technique?

Tnx Doug
VE4TG

-----Original Message-----
From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Paul Harden, NA5N
Sent: Wednesday, March 06, 2002 7:34 PM
To: Low Power Amateur Radio Discussion
Subject: Re: Pc Boards Got em ! but No Knowledge

On Wed, 6 Mar 2002, Bruce Muscolino wrote:
> and manhattan is probably the worst.

>
> With manhattan construction you always have the possibility that your
> pads will come loose and your circuit won't work!

I totally disagree with this assesment. Myself, and scores of others, have built lots of stuff Manhattan style and I don't have pads that have come loose dangling in mid air. I have glued down maybe 2 or 3 pads on circuits I have built, and that was from putting excessive stress on the pad swapping components, and it finally broke loose. A drip of glue and it was back on the board. Once you have your components soldered onto the pads, the resistor wires, etc. makes everything pretty rigid. And even if a pad or 2 breaks loose and lifts a few femto inches off the board, it certainly isn't going to suddenly render the circuit inoperative.

Anyone who has actually built something manhattan style knows this.

> Now if you take speed of construction into account, manhattan is
> probably first, perf board is second, and PC boards come in third!

Again, I totally disagree with this statement, in fact, you got it completely backwards. A PC board is the easiest/fastest to build. Plop in the parts per the silk screened labels, flip over and solder, and walla - done. You've seen the posts on qrp-l how "I built my SW40+ in 4 hours." Perf board would be 2nd for the same number of components, plopping in the components, bending the leads to their destination and soldering ... usually making it up as you go along. Finally is Manhattan. I've built lots of stuff Manhattan and love the technique, but it **is** far more time consuming than stuffing out a ready-to-go PC board. You have an hour or two of investment just laying it out on a piece of paper before you build, then start building it, gluing down a pad or two at time as you go along. It's time consuming, but many people don't mind as it is also an "artistic expression" to make it look as neat as possible. I'm sure anyone who has actually built Manhattan style would agree that it probably takes about twice longer than merely stuffing a PC board. Then add another 20 minutes per IC! :-)

On a related subject, I have found those manhattan projects I've built, where I shined it up with steel wool, seemed to tarnish in several months, while those I buffed cleaned with a good old 3-M "greenie pad" (submarine language!) are still shiny. The worst experience was sending a rig I built to the east coast for a couple of months ... it came back nearly black! Acid rain or something.

Incoming mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.325 / Virus Database: 182 - Release Date: 2/19/02

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.325 / Virus Database: 182 - Release Date: 2/19/02

Date: Thu, 7 Mar 2002 19:26:22 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-l@lehigh.edu>
Subject: [121555] Fox: Spots but heck!
Message-ID: <Pine.LNX.4.33.0203071922300.2454-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I can hear K0PC Pat with a psk-31 station on him at 7.03631 MHz
and KV2X Tom is at 7.04127 MHz but almost too weak to copy.

I called Pat several times but no joy. He isn't hearing anything as far
away as me. And Tom is esp only. I fully expect to work no-one tonight.
Conditions are lousy!

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Fri, 08 Mar 2002 03:29:46 +0100
From: "Ingo, DK3RED" <dk3red@t-online.de>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [121556] Re: qrp freqs needed
Message-ID: <3C88221A.DC9673EF@t-online.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Gray,

> I have seen lists of freqs before, and have the arrl band plan. However, I
> have heard both 7040 and 7060 as the 40 meter qrp freq. Which is it?

7030 - CW region 1
7040 - CW region 2
7060 - SSB region 1
7110 - CW US novice
7285 - SSB region 2

--

72/73 de Ingo, DK3RED Don't forget: the fun is the power!
dk3red@t-online.de <http://www.qsl.net/dk3red>
DL-QRP-AG #824 <http://www.dl-qrp-ag.de>

Date: Thu, 07 Mar 2002 21:39:17 -0500
From: Jim Campbell <jim-c@nc.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [121557] Re: Atomic Clock
Message-ID: <3C882455.CE1FF36C@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

One of the characteristics of my particular atomic clock is that it starts trying to sync itself at midnight and goes through 4 AM. If you have your clock set for GMT as I do, midnight GMT is 8 PM EST. Often propagation is not all that good at that time of day. I found that by orienting the clock so that it's back faces west, most of the time it is able to sync itself each day. I live in central NC.

72/73,

Jim
W4BQP

Date: Thu, 7 Mar 2002 21:42:11 -0500
From: "N8IE" <n8ie@woh.rr.com>
To: "QRP-l" <qrp-l@lehigh.edu>, "FPQRP-l" <fpqrp-l@mpna.com>
Subject: [121558] RE: 7X4AN on 5 watts
Message-ID: <MMEDLKDLONJOAIGICDJAMEGGCJAA.n8ie@woh.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;

charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Great job Fred.
I should have asked him to go CW, maybe I'll catch him next time.

72, oo
Dan, N8IE
FPqrp #-6, QRP-1 #1404, FISTS #4985

-----Original Message-----
From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
Fred Lesnick
Sent: Thursday, March 07, 2002 6:58 PM
To: Low Power Amateur Radio Discussion
Subject: 7X4AN on 5 watts

I too just worked Mohamed on 21.275 on SSB. Then we went to c.w and
worked him. A new country for me running QRP.
Not bad for 5 watts on SSB a 5-5. And on cw at 5 watts I got a 569.

73
Fred
VE3FAL

Date: Thu, 07 Mar 2002 21:41:58 -0500
From: Jim Campbell <jim-c@nc.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [121559] Interference With Fox
Message-ID: <3C8824F6.B11C5C6D@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I was listening to the fox at about 0230Z when some interference began.
It sounded like an engine idling. I have heard it fire up on prior
Foxes and Cub Foxes. Does anyone have an idea of what this is?

Thanks,

Jim
W4BQP

Date: Thu, 7 Mar 2002 20:42:19 -0600
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [121560] Re: Fox: Spots but heck!
Message-ID: <200203080242.AA01071@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Got Pat with 350 mW, but Tom is going to be tough. Not real strong here, and all sorts of warble-wobble gunk on top of him. Still plugging... :-)

72/73,

Todd, AG0T

Date: Thu, 07 Mar 2002 21:52:52 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: FP List <fpqrp-l@mpna.com>, QRP-L <qrp-l@Lehigh.EDU>
Subject: [121561] Truffle K4FB
Message-ID: <3C882784.535AC058@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

37 in the log with one dupe.

I cut myself short by starting about a minute or two late. Logging computer clock is off a bit.

Thanks all for calling in. Log out tomorrow.

73
Paul K4FB

Date: Thu, 7 Mar 2002 21:50:17 -0500
From: "Kevin M." <adverseyaw@twmi.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [121562] Re: Pc Boards Got em ! but No Knowledge
Message-ID: <004701c1c64b\$fabcd250\$1a751d41@magnus>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Doug,
Here is the link, <http://www.qsl.net/k7qo/manhat.htm>
Kevin, KC8SFJ

> Does anybody know the URL for a site that details the manhattan
construction
> technique?
>
> Tnx Doug
> VE4TG

Date: Thu, 7 Mar 2002 19:52:15 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Subject: [121563] FOX: Skunked!
Message-ID: <Pine.LNX.4.33.0203071948590.2514-1000000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have called Pat with 5 watts and a good vertical for 30 minutes
and he just doesn't hear me. Now I can't copy him. Tom is no where to be
found.

The propogation is just very poor this evening. I hear lots of
Hounds but the Fox stations are very weak.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Thu, 7 Mar 2002 20:54:34 -0600
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [121564] Re: Interference With Fox

Message-ID: <200203080254.AA01160@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

Now some *bigtime* jamming on top of Tom. S9++. He's
going to need to move. :-(Looking grim for the last fox... <sigh>

72/73,

Todd, AG0T

Date: Thu, 7 Mar 2002 22:09:20 -0500
From: "V Cortina" <vcortina@hvc.rr.com>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [121565] Re: Skunked!
Message-ID: <00fc01c1c64e\$a48f7ba0\$6401a8c0@hvc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl,

If it makes you feel any better, Tom was weak here in NY! Pat was a chore
as he went in and out. Finally got him on SAME freq after I called up abt
1kc for 45 min.

72 es 73,

Vinny KR2F
Mt. Tremper, NY FN22ua
F.I.S.T.S. #4582, QRP-L #2397
NJ-QRP #349 QRPp-I #382
E.C.A.R.S. #20188 10-X #68971
1 more year to QCWA

----- Original Message -----
From: "Karl F. Larsen" <k5di@zianet.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, March 07, 2002 9:52 PM
Subject: FOX: Skunked!

> I have called Pat with 5 watts and a good vertical for 30 minutes
> and he just doesn't hear me. Now I can't copy him. Tom is no where to be
> found.
>
> The propagation is just very poor this evening. I hear lots of
> Hounds but the Fox stations are very weak.
>
> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> <http://www.zianet.com/k5di/>
>
>
>

Date: Thu, 7 Mar 2002 22:14:07 -0500
From: "Jason Hissong" <jhissong1@columbus.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [121566] FOX: Got em both!
Message-ID: <004501c1c64f\$4f9cd9c0\$6501a8c0@caladan>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

First night chasing with my K2. What a difference! Heard Tom on 7041.08 and found him listening up. Watched his listening pattern for a little while and picked a spot where I thought the little devil would be... and sure enough, I got em! 500mW. One in the bag... proceeded down to search for the other one. Found Pat listening on 7036.36... found him listening up as well... missed the first try at 500mW. Went to a watt and bagged him no sweat. Probably could have bagged him with less... was not in the right place... too late now :-)

Band was ok here in central Oh. Both Tom and Pat was coming in strong so I did not think they would have a problem hearing me. Good to be back in the saddle again...

Thanks guys!! Can't wait for the summer 20 M hunts...

72/71
Jason Hissong N8XE

K2 #1270 bagged both

Date: Thu, 7 Mar 2002 22:29:01 -0500
From: "Jim Stamper" <jstamper@shentel.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121567] 1 WATT SWEEP
Message-ID: <00a001c1c651\$731ee620\$c6156fcc@jim>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Remarkable night for me--my first sweep I think. Decided to use the SW-40 at one watt (and no RIT). Got Paul the Truffle who was working fast through heavy QRM.

Waited until late (after CSI) to try for the foxes. Started after 0300. Got Tom at 0305 and Pat at 0309.

Paul, Tom and Pat all have great ears. Sorry to see the season end.

jim-
KG4LDY

Date: Thu, 7 Mar 2002 21:28:26 -0600
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [121568] FOX -- YESSSSSSS!!!
Message-ID: <200203080328.AA01260@bolshoi.cc.misu.nodak.edu>
Content-Type: text/plain
Mime-Version: 1.0 (NeXT Mail 4.2mach_patches v148.2)

After most of an hour and a half of trying, I *finally* brought Tom to bag! One hard-fought regular pelt, one QRPP pelt, and a Truffle to boot! :-) What a way to wrap up the season!!! :-) I'm absolutely stoked!!! :-)

72/73,

Todd, AG0T

Date: Thu, 07 Mar 2002 22:45:14 -0500
From: Pete Burbank <plburbank@kih.net>
To: qrp-l@lehigh.edu
Subject: [121569] Fox
Message-ID: <5.0.2.1.0.20020307223820.01db6440@KIH.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Great signal in the Bluegrass from both Pat and Tom and outstanding operating from both. I need to snack on some more OL ROY after that one HI!
Pete NV4V
KY

Date: Thu, 7 Mar 2002 20:52:07 -0700 (MST)
From: Riyadhth Al-Kazily <riyadhth-q@rmci.net>
To: Low Power Amateur Radio forum <qrp-l@Lehigh.EDU>
Subject: [121570] FS or Trade: OHR100A and T-Kit 1340
Message-ID: <Pine.LNX.4.33.0203072049320.7590-1000000@spektr.al-kazily.cxm>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=iso-8859-1
Content-Transfer-Encoding: QUOTED-PRINTABLE

All,

I have a couple of excess rigs that I'd like to find homes for, in order to get more kits to build! The OHR100A (and of course the T-Kit 1340) is built for 40m, and both radios are set up for the Novice portion of the band. I'm asking \$90+ship for the OHR100A, and \$70+ship for the 1340, or I will trade for interesting unbuilt kits. I am particularly looking for a SWL WM-20 (or similar) SSB kit.

Thanks for looking, and check out the link below for more information and pictures. You will also notice that there is a [non-qrp] Yaesu FT-5100 dual-band mobile for sale.

Link:=A0=A0<http://home.rmci.net/riyadhth/SwapPage.html>

--=20

Riyadhth Al-Kazily
riyadhth-q@rmci.net

KB7YWE DoD #295
Star, Idaho

Date: Thu, 07 Mar 2002 21:03:58 -0700
From: Earl Murphy <earlmurf@telusplanet.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [121571] FOX FOX VE6EX (Final Log)
Message-ID: <3C88382E.5BF1BB14@telusplanet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang:

Here is Dan's (VE6EX's) final log...If you have any corrections please
EMAIL Dan DIRECT
<ve6ex@yahoo.ca>

FEB 28, 2002 VE6EX FOX NIGHT

02:00	K7TQ	559	ID	RANDY	5W
02:01	W0UFO	559	MN	MERT	5W
02:02	N4ROA	559	VA	DAN	5W
02:03	N0UR	559	MN	JIM	5W
02:04	VA6RF	559	AB	EARL	5W
02:05	K0EVZ	559	ND	DOC	5W
02:06	AB0CD	599	CO	DICK	5W
02:06	N2WW	559	CO	LARRY	5W
02:07	N9NE	559	WI	TODD	5W
02:08	KB7WW	559	OR	ART	5W
02:09	K8CV	599	MI	WALT	5W
02:10	AA7XA	559	OR	FRANK	5W
02:10	N0AR	559	MN	SCOTT	5W
02:11	KR5C	559	TX	GEORGE	5W
02:13	WE9K	559	WI	GLENN	5W
02:14	WA9TZE	559	WI	JIM	5W
02:14	N9AW	599	WI	JERRY	5W
02:15	AC5JH	559	OK	TOM	5W
02:17	KA2EYH	599	IND	GIL	5W
02:19	N1FN	559	CO	ET	5W
02:22	AA5O	559	LA	VERN	5W
02:23	W0PWE	559	IA	JERRY	5W
02:24	W5YR	559	TX	GEORGE	5W
02:25	W0RSP	569	SD	ADE	5W
02:27	W9XU	559	WI	LON	5W
02:28	VE6JAZ	599	AB	ROB	5W
02:28	K3PH	559	PA	BOB	5W
02:29	NK9G	559	WI	RICK	5W
02:29	W5USJ	559	TX	CHUCK	5W

02:30	VE5RC	559	SK	BRUCE	5W
02:31	AG0T	559	ND	TODD	4W
02:32	VE4WI	559	MB	CRAIG	5W
02:32	K0PC	559	MN	PAT	5W
02:33	W0CH	559	MO	DAVE	900MW
02:34	N9IJ	339	IL	LEN	5W
02:35	N0HRL	559	MN	KEN	5W
02:37	KB9LGJ	559	MN	TIM	CA
02:39	W4NJK	559	CA	CHARLIE	5W
02:40	K9DC	559	IN	DAVE	5W
02:40	WV9N	559	OH	RANDY	5W
02:41	K4GT	559	GA	JIM	5W
02:43	K5SR	559	TX	DALE	5W
02:44	W9HL	559	IL	RANDY	5W
02:47	KD7CTF	559	OR	LEE	5W
02:49	K3IU	559	RI	KEN	5W
02:57	WA7LNU	339	UT	JACK	2W
02:58	KG6CYN	559	CA	TREV	5W
02:58	W7ILW	559	AZ	WALT	5W
03:02	AF4LQ	559	KY	MIKE	5W
03:03	W5YA	559	TX	FRED	5W
03:04	WE6W	559	CA	ED	5W
03:10	K5JHP	559	TX	BILL	5W
03:11	VE3FAL	559	ON	FRED	5W
03:11	N0WX	579	MN	MIKE	5W
03:13	WA8BXN	559	OH	MIKE	5W
03:14	WR50	559	TX	DAVE	5W
03:15	K5DI	559	NM	KARL	5W
03:17	NK6A	559	CA	DON	5W
03:19	KK5LD	559	TX	DAN	5W
03:21	W8RU	559	MI	RON	5W
03:26	K8KFJ	559	WV	GARY	5W
03:27	KV2X	559	NY	TOM	5W
03:29	N0DSP	559	CO	TOM	5W
03:29	KC1FB	559	CT	JIM	5W
03:31	N5ZE	559	TX	LEW	5W
03:32	N7CQR	559	OR	DAN	5W
03:37	N0RC	559	CO	ROD	5W
03:38	KE6RS	559	CA	RON	5W
03:42	K2PQ	549	NJ	FRANK	5W
03:42	K4ADI	559	SC	FRANK	5W
03:46	KC9LC	559	VA	RANDY	5W
03:47	KL7IXI	579	WA	MIKE	4W
03:50	KI0II	559	CO	RON	2W
03:57	N5GJQ	559	LA	MIKE	5W
03:59	K4TJD	559	GA	TOM	5W
04:00	K4FB	559	FL	PAUL	5W
04:00	VE6EX	559	AB	DAN	5W

Date: Thu, 07 Mar 2002 23:06:14 -0500
From: Ray Sills <raysills@1stconnect.com>
To: QRP list <qrp-l@lehigh.edu>
Subject: [121572] Flagpole to go
Message-ID: <B8ADA0F9.E904%raysills@1stConnect.com>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Hi Gang:

I happend to be in the campus bookstore at the University of Kentucky on Tuesday and noticed an item that was geared to the interests of blue-blooded Wildcat football fans: a portable (telescoping) flag pole.

Naturally, I thought it was a vertical antenna, first. But, a closer look revealed that it can extend to 17 feet 2 inches. (Hmmm 1/4 on 20, eh?). But, I don't think there is a good low-resistance path between the sections. But, I'll check it out with a meter, to be sure. Even so, you could easily suspend a piece of wire as a vertical element. Or... use it to hoist up the center of a dipole.

So, I bought one. Price was \$45. Possibly a little high, but it's all assembled and when collapsed, only about 4 feet long... easy to carry, and lightweight. The manufacturer is J.T. D. Enterprises of Troy, Michigan. They're on the web at www.jtdent.com. They also make a "drive-on" base.. made of plate steel and a welded vertical tube to hold the pole. I didn't get that thing, since I'll find another way to hold it up.

Anyway, it looks promising. I'll keep you posted.

73 de Ray
K2ULR
FN20t1

Date: Thu, 07 Mar 2002 22:40:26 -0600
From: "George, W5YR" <w5yr@att.net>

To: k5di@zianet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121573] Re: Fox: Spots but heck!
Message-ID: <3C8840BA.E14CFEF2@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Karl, are you sure that you don't have a problem with your antenna system? We are about the same distance away from both MN and NY stations and both Foxii were in here with good signals until I left about 0315. Got them both within 6 minutes: 0204 and 0210.

I use a 20-meter Extended Double Zepp with the center at about 35 ft, fed with ladderline for all bands from 80 to 10. Seems to really shine on 40 and 20. The wire is 88 ft long and runs about NW/SE. I have another just like it mounted at right angles so that I get pretty good coverage between them. I have had very good luck with EDZ antennas, including the 176 ft job I used on 40 for a year or so.

Sorry that fortune didn't smile on you tonight - know you were in there trying right along with the rest of us, but sometimes radio waves do funny things.

One more Cub Hunt to go! Good Hunting!

72/73/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

"Karl F. Larsen" wrote:

>
> I can hear K0PC Pat with a psk-31 station on him at 7.03631 MHz
> and KV2X Tom is at 7.04127 MHz but almost too weak to copy.
>
> I called Pat several times but no joy. He isn't hearing anything as far
> away as me. And Tom is esp only. I fully expect to work no-one tonight.
> Conditions are lousy!
>
> --
> Yours Truly,
>
> - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

[illegible]

[illegible]

[illegible]

OR
ART
0240 W0CH
M0 DAVE
900MW
0240 AG0T
ND TODD
350MW
0241 K5DW
TX
DON
0241 W5USJ
TX CHUCK
5W
0242 KC1FB
CT
JIM
0244 N9IJ
IL
LEN
0245 K0FRP
C0
AL
0246 N3ZPQ
OH FRANK
4W
0248 NK9G
WI RICK
5W
0249 KD5KXF
TX MIKE
5W
0250 AC5JH
OK
TOM
0251 KK5LD
TX
DAN
0251 N4MAP
GA
SAM
0252 K4GT
GA
JIM
0253 N9WW
IL
JIM
0254 K5LN

[illegible]

**5W
**

0307 W4BQP 559
NC

JIM

0308 N1QO 559
VT

5W

0309 KG4LDY 559
VA

JIM

0309 K9OZ 559
IL

5W

0310 WQORP 559
MN

0311 AD6JV 559
CA

5W

0312 NK6A 559
CA

DON

0313 WE6W 559
CA

ED

0314 WA9PWP 589
WI

5W

0315 NQ7X 559
AZ

5W

0315 KC9LC 559
VA

5W

0316 K4ADI 559
SC

5W

0318 K4JPN 579
GA

3W

0320 K3PH 559
PA

BOB

0325 K6VNX 559
CA

5W

0326 K5TCC 559
TX

DOC

Date: Thu, 7 Mar 2002 23:09:34 -0600
From: "Glenn Butzlaff" <gbutzlaff@wi.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [121575] FOX: Many thanks.
Message-ID: <002f01c1c65f\$703ca560\$d3bf1d41@wi.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

On behalf of the Cheeseheads, I would like to thank the Foxii and the Foxhunt committee for all they do to make these hunts possible. It's hard to believe it is over. Hope to hear all of you again in future hunts.

73 de Glenn, WE9K

Date: Thu, 7 Mar 2002 23:20:32 -0800
From: "John Moriarity" <k6qq@hdo.net>
To: <nkennedy@tcainternet.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [121576] Re: Johnson KW Matchbox
Message-ID: <023f01c1c671\$bce346a0\$835fa13f@johns1t>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> >You should know that these tuners cover only 80, 40, 20, 15 and 10 meters
> - no WARC bands.
>
> Well, sort of. There are only the positions for the five bands on the
> bandswitch. But with my smaller matchbox, I'm able to get a good match on
> 80, 40, 30, 20, 17, and 12 meters

I agree. My small Matchbox gives me a match on ALL bands, 80 to 10 meters. You just have to look for it. My antenna is a 54 foot inverted Vee, with the center at 30 feet, and fed with aboout 60 feet of 450 ohm window line.

I haven't needed it since I got the automatic tuner for my K2 ;-)

72,

John, K6QQ

Date: Fri, 8 Mar 2002 06:20:00 -0500
From: "Brian Murrey" <brian@iquest.net>
To: <winjones@ix.netcom.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121577] Re: Harbor Freight Hand Punch
Message-ID: <009e01c1c693\$30818010\$7b492bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I've used mine to punch holes in Altoid boxes.

But never tried it on much thicker than that.

----- Original Message -----
From: <winjones@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, March 07, 2002 4:40 PM
Subject: Re: Harbor Freight Hand Punch

> Are these punches capable of punching holes in the front panels of
> metal cabinets for mounting knobs, jacks, meters, etc.?
> 73, Winston K4CWQ
>
> k7qo@earthlink.net wrote:
> >
> Gang,
>
> Aperiodically I get email referring to my web site and the Manhattan
> Style building pages. And the most asked question is what to do
> about the hand punch that was discontinued by Harbor Freight with
> the part number that I have there on the page.
>
> On Wednesday I was in Phoenix and stopped at Harbor Freight to
> check out what they had that I needed or had my name on it. :-)
>
> They have a hand punch Item Number 44060 that sells for under
> \$20 US currency. It is made in China and is the exact replacement
> for the hand punch that they had previously. The old hand punch

> was made in Taiwan and both have the same moment arms and require
> about the same pressure to punch pads out of PC board material or
> to punch pads out of brass sheet stock. The brass circles I use to
> silver solder to AA NiMH batteries that I get each year at Tuthill
> for \$1 each but do not have the button on the + end. Works great.
>
> The punches are the same size and I made the mod of removing
> the point on the punch that holds the material in place while
punching.
> I find that the point damages the pads on the opposite side and
makes
> them convex in shape that I don't care for.
>
> I will attempt to update the web page with this information some
time
> soon but thought this information might be of use to those that are
> interested in trying Manhattan building. Especially if there is a
> building contest at Dayton this year.
>
> I tried both the old punch and the new punch on some PC board
> material that comes with the NJQRP Manhattan board kit and I get
> the same excellent results. There any number of pages on the web
> now with ideas and schematics for building Manhattan Style.
>
> FYI,
>
>
>
>
>
> Chuck Adams, K7QO CP-60 k7qo@earthlink.net
> <http://www.qsl.net/k7qo>
>
> Moving to Arizona? --- Bring your own water, please.
>
>
>

Date: Fri, 8 Mar 2002 05:25:53 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: V Cortina <vcortina@hvc.rr.com>
Cc: <k5di@zianet.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [121578] Re: Skunked!
Message-ID: <Pine.LNX.4.33.0203080523250.1597-1000000@Daisy.dog>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Vinny, I think I was just not ready to call the strongest Fox for an hour. I was tired and not very interested.

On Thu, 7 Mar 2002, V Cortina wrote:

> Karl,
>
> If it makes you feel any better, Tom was weak here in NY! Pat was a chore
> as he went in and out. Finally got him on SAME freq after I called up abt
> 1kc for 45 min.
>
> 72 es 73,
>
> Vinny KR2F
> Mt. Tremper, NY FN22ua
> F.I.S.T.S. #4582, QRP-L #2397
> NJ-QRP #349 QRPp-I #382
> E.C.A.R.S. #20188 10-X #68971
> 1 more year to QCWA
>
>
>
> ----- Original Message -----
> From: "Karl F. Larsen" <k5di@zianet.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Thursday, March 07, 2002 9:52 PM
> Subject: FOX: Skunked!
>
>
> > I have called Pat with 5 watts and a good vertical for 30 minutes
> > and he just doesn't hear me. Now I can't copy him. Tom is no where to be
> > found.
> >
> > The propogation is just very poor this evening. I hear lots of
> > Hounds but the Fox stations are very weak.
> >
> > --
> > Yours Truly,
> >
> > - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> > <http://www.zianet.com/k5di/>
> >
> >
> >

>
>

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Fri, 08 Mar 2002 12:33:33 +0000
From: Arthur Moe <kb7ww@easystreet.com>
To: k5di@zianet.com, qrp <qrp-1@Lehigh.EDU>
Subject: [121579] Final CUB FOX log KB7WW
Message-ID: <3C88AF9D.C692BAAC@easystreet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All,

Great fun being the cub fox !! I'm leaving for a swap meet near Seattle
this morning and will reply to private e-mails when I return.

Art
KB7WW

TIME	CALL	S	R	SPC	NAME	PWR
0201	VE4MI	559	559	MB	CRAIG	5W
0203	WA9TZE	559	559	WI	JIM	5W
0205	WA8BXN	559	559	OH	MIKE	5W
0207	W9XU	559	559	WI	LON	5W
0208	W5USJ	559	559	TX	CHUCK	5W
0209	W0CH	559	559	MO	DAVE	900mW
0211	K0EVZ	559	559	ND	DOC	5W
0212	AG0T	559	559	ND	TODD	4W
0215	K8CV	559	559	MI	WALT	5W
0216	AC5JH	559	559	OK	TOM	5W
0218	W5YR	559	559	TX	GEORGE	5W
0219	NJ9K	559	559	WI	DICK	5W
0221	K5SR	559	559	TX	DALE	5W
0223	KL7IXI	559	579	WA	MIKE	4W
0224	KC1FB	559	559	CT	JIM	5W
0229	AF4PS	559	559	FL	MAC	3W
0229	KC0IIN	559	559	CO	JASON	5W

0233	N9NE	559	559	WI	TOD	5W
0235	N9AW	559	339	WI	JERRY	5W
0238	K5JHP	559	559	TX	BILL	5W

TIME	CALL	S	R	SPC	NAME	PWR
------	------	---	---	-----	------	-----

0239	WE9K	559	559	WI	GLENN	5W
0240	N5ZE	559	559	TX	LEWIS	5W
0242	K5DW	559	559	TX	DON	5W
0243	N5GJQ	559	559	LA	MIKE	5W
0245	KE6RS	559	559	CA	RON	5W
0247	NK9G	559	449	WI	RICK	5W
0250	KI0II	559	559	CO	RON	1W
0253	AF4PS	559	459	FL	MAC	3W DUPE DUPE DUPE
0255	AF4LQ	559	559	KY	MIKE	5W
0256	KK5LD	559	559	TX	DAN	5W
0259	W9HL	559	539	IL	RANDY	5W
0308	KC0JPY	559	559	CO	BRYANT	5W
0309	AJ4AY	559	559	AL	JAY	4W
0311	N1TP	559	559	FL	TOM	5W
0313	AA50	559	559	LA	VERN	5W
0317	K0FRP	559	559	CO	AL	5W
0322	N4ROA	559	559	VA	DAN	5W
0333	K4ADI	559	339	SC	FRANK	5W
0336	WB6BWZ	559	339	CA	MATT	5W
0337	NQ7T	559	559	WA	GARY	500mW

TIME	CALL	S	R	SPC	NAME	PWR
------	------	---	---	-----	------	-----

0340	KC9LC	559	559	VA	RANDY	5W
0348	KJ0C	559	559	MO	JIM	5W
0350	KC0GXX	559	229	NE	TOM	2W
0356	K7OZN	559	559	WA	BILL	5W
0359	W8MES	559	559	MI	FRANK	5W
0400	KB7WW			OR	ART	5W Cub Fox

Date: Fri, 8 Mar 2002 05:35:59 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: "George, W5YR" <w5yr@att.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [121580] Re: Fox: Spots but heck!
Message-ID: <Pine.LNX.4.33.0203080531430.1597-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If your in Dallas George your 700 miles closer to both Fox. I think the propogation did it but will look at both Fox logs and see what they heard. And when it gets light I will see if my Butternut vertical is still standing. The FT-817 was putting out a whopping 5 watts!

On Thu, 7 Mar 2002, George, W5YR wrote:

> Karl, are you sure that you don't have a problem with your antenna system?
> We are about the same distance away from both MN and NY stations and both
> Foxii were in here with good signals until I left about 0315. Got them both
> within 6 minutes: 0204 and 0210.

>

> I use a 20-meter Extended Double Zepp with the center at about 35 ft, fed
> with ladderline for all bands from 80 to 10. Seems to really shine on 40
> and 20. The wire is 88 ft long and runs about NW/SE. I have another just
> like it mounted at right angles so that I get pretty good coverage between
> them. I have had very good luck with EDZ antennas, including the 176 ft job
> I used on 40 for a year or so.

>

> Sorry that fortune didn't smile on you tonight - know you were in there
> trying right along with the rest of us, but sometimes radio waves do funny
> things.

>

> One more Cub Hunt to go! Good Hunting!

>

> 72/73/00, George W5YR - the Yellow Rose of Texas
> Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
> Amateur Radio W5YR, in the 56th year and it just keeps getting better!
> QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
> Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

>

> All outgoing email virus-checked by Norton Anti-Virus 2002

>

>

> "Karl F. Larsen" wrote:

> >

> > I can hear K0PC Pat with a psk-31 station on him at 7.03631 MHz
> > and KV2X Tom is at 7.04127 MHz but almost too weak to copy.

> >

> > I called Pat several times but no joy. He isn't hearing anything as far
> > away as me. And Tom is esp only. I fully expect to work no-one tonight.
> > Conditions are lousy!

> >

> > --

> > Yours Truly,

> >

> > - Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
> > http://www.zianet.com/k5di/
>
> --
>
>

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
http://www.zianet.com/k5di/

Date: Fri, 08 Mar 2002 07:43:16 -0500
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: dhenry@skyweb.ca
Cc: qrp-1@lehigh.edu
Subject: [121581] RE: Pc Boards Got em ! but No Knowledge
Message-ID: <5.1.0.14.1.20020308074032.029389e0@pop.prodigy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:01 PM 3/7/02 -0600, you wrote:

>Does anybody know the URL for a site that details the manhattan construction
>technique?
>
>Tnx Doug
>VE4TG

Yes, look at www.qsl.net/k7qo or www.qsl.net/k8iqy Lots of info
on building that way on those two web sites. Also, good info on
the Norcal and NJ QRP web sites, but I don't have the URLs handy.
A google search will easily find those.

72

Jim, K8IQY

Date: Fri, 08 Mar 2002 06:56:05 -0600
From: Steve Yates <aa5tb@arrl.net>

To: QRP-L Distribute <qrp-l@Lehigh.EDU>
Subject: [121582] Re: Interference With Fox
Message-ID: <000301c1c6a0\$9d4caf00\$82763ed8@pavilion>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Jim,

What you heard was probably what was dubbed the "Buzzsaw" about a year and a half ago. The ARRL announced on January 11, 2001 that the source of this interference was from Iranian jammers jamming Iraqi pirate transmitters. The transmission switches frequency in 10 kHz increments every few minutes at the bottom end of 40m. Take a listen at the following site to hear if this is what you heard:

<http://www.qsl.net/aa5tb/sig02.html>

Steve Yates

AA5TB
aa5tb@arrl.net
Fort Worth, TX - Grid EM12hu
<http://www.qsl.net/aa5tb/>

Date: Fri, 08 Mar 2002 08:07:38 -0500
From: Gary Lee <kb9zuv@arrl.net>
To: qrp-l@lehigh.edu
Subject: [121583] big thanks
Message-ID: <3.0.6.32.20020308080738.007acb90@mailhost.ind.ameritech.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

A great big thank you to everyone for the qrp freqs, and other info gleaned from this list. Finished another pixie last night. Hope to be hanging around 80 meters on sunday. May also get up to 40 if conditions are good.

3560, or 3710.

7103, 7113, 7123, 33, and 43.

Only crystals I have. picked xxx3 to dodge the sw broadcasters.

Maybe I'll hear some of you sunday late morning or early afternoon.

Thanks again.

Gary Lee
Ball State University
765-285-1310

Date: Fri, 08 Mar 2002 08:33:25 -0500
From: "Craig A. Ferris" <cferris@aeronix.com>
To: qrp-1@Lehigh.EDU
Subject: [121584] Wanted: NorCal paddle
Message-ID: <3C88BDA5.1D37474@aeronix.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Built or unbuilt. Let me know condition and price. Please reply direct.

72,
Craig NR4E
Melbourne, FL

Date: Fri, 8 Mar 2002 05:26:12 -0800 (PST)
From: Patrick Gardella <pgardella@yahoo.com>
To: raysills@1stconnect.com,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [121585] Re: Flagpole to go
Message-ID: <20020308132612.72376.qmail@web13004.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I just hit the <http://www.jtdent.com> site, and they have 6 different sizes of these flagpoles:

5' 10" Flagpole To Go, \$17.25
8' 8" Flagpole To Go, \$22.50
11' 7" Flagpole To Go, \$29.00
14' 4" Flagpole To Go, \$36.95
17' 2" Flagpole To Go, \$43.95
20' Flagpole To Go, \$51.95

I also dropped them a note (cc'd Ray) to determine what kind of windload they can handle, and since they do custom work, how much a longer "flagpole" would cost.

Patrick
KD4LOX

--- Ray Sills <raysills@1stconnect.com> wrote:

> Hi Gang:

>

> I happend to be in the campus bookstore at the University of Kentucky on
> Tuesday and noticed an item that was geared to the interests of blue-blooded
> Wildcat football fans: a portable (telescoping) flag pole.

>

> Naturally, I thought it was a vertical antenna, first. But, a closer look
> revealed that it can extend to 17 feet 2 inches. (Hmmm 1/4 on 20, eh?).
> But, I don't think there is a good low-resistance path between the sections.
> But, I'll check it out with a meter, to be sure. Even so, you could easily
> suspend a piece of wire as a vertical element. Or... use it to hoist up the
> center of a dipole.

>

> So, I bought one. Price was \$45. Possibly a little high, but it's all
> assembled and when collapsed, only about 4 feet long... easy to carry, and
> lightweight. The manufacturer is J.T. D. Enterprises of Troy, Michigan.
> They're on the web at www.jtdent.com. They also make a "drive-on" base..
> made of plate steel and a welded vertical tube to hold the pole. I didn't
> get that thing, since I'll find another way to hold it up.

>

> Anyway, it looks promising. I'll keep you posted.

>

>

> 73 de Ray

> K2ULR

> FN20t1

>

>

>

Do You Yahoo!?

Try FREE Yahoo! Mail - the world's greatest free email!

<http://mail.yahoo.com/>

Date: Fri, 08 Mar 2002 15:00:01 +0100

From: "Ingo, DK3RED" <dk3red@t-online.de>

To: QRP-L <qrp-l@lehigh.edu>

Subject: [121586] Re: Pc Boards Got em ! but No Knowledge

Message-ID: <3C88C3E0.450BAE7D@t-online.de>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> ... Also, good info on
> the Norcal and NJ QRP web sites, but I don't have the URLs handy.

<http://www.njqrp.org>

--

72/73 de Ingo, DK3RED Don't forget: the fun is the power!
dk3red@t-online.de <http://www.qsl.net/dk3red>
DL-QRP-AG #824 <http://www.dl-qrp-ag.de>

Date: Fri, 8 Mar 2002 09:10:09 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <kb9zuv@arrl.net>
Subject: [121587] Re: qrp freqs needed
Message-ID: <003801c1c6aa\$f5ffb340\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

One of the challenges is that the 7040 frequency is used for some other things besides QRP, but here in the states, you can almost always find a fellow QRP-er on or around 7040.

The exception, of course, is during a RTTY contest. 7040 is also the RTTY DX frequency, so expect to hear strong RTTY stations there from time to time. There are a LOT of QRP-ers around, tho, so mostly you hear RTTY there during a contest - apparently we chase them off other times.

Seems like there is some other thing 7040 is for as well, but I can't recall what. As always, you just need to be tolerant of folks with other agendas. 14060 is also a QRP calling frequency but EAN seems to meet there every day and during a FISTS event the place will be overrun by kilowatt stations. Once in a while the packet stations seem to slide down there, too. Just the nature of sharing the frequencies.

40 can be particularly annoying because your power deficit is more significant than it is on the higher frequencies and there is all sorts of other QRM to deal with. Sometimes it's tough to keep from getting your panties all in a bunch over it, but other folks have a right to enjoy the hobby, too. And I think we CW ops have an unfair advantage - just crank

down the bandwidth and most of that QRM goes away. Kind of bad because you don't even hear the guy you are QRMing.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Gary Lee" <kb9zuv@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, March 07, 2002 1:01 PM
Subject: qrp freqs needed

> I have seen lists of freqs before, and have the arrl band plan. However,
I
> have heard both 7040 and 7060 as the 40 meter qrp freq. Which is it?
>
> Also is there a better list than the arrrl band plan?
>
> Thanks.
>
> Gary Lee
> kb9zuv
>

Date: Fri, 08 Mar 2002 09:20:01 -0500
From: Jim Campbell <jim-c@nc.rr.com>
To: aa5tb@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [121588] Re: Interference With Fox
Message-ID: <3C88C891.743F245E@nc.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Steve,

Thanks for the reply, but that wasn't the sound I heard. I heard something like an old farm tractor idling at 200 to 300 rpm. It was also fairly wideband. Last night wasn't the first time I heard it. I hear it quite regularly.

Also, I *THINK* I worked both foxes last night. If so, that would be a first for me. Pat's log this morning confirmed that we had an exchange, and I hope that Tom's log also says so. Both signals were fairly weak

here in central NC, and there was a lot of QSB going on. Of course, the jamming I alluded to didn't help, but it didn't last all that long.

72/73,

Jim
W4BQP

Steve Yates wrote:

>
> Jim,
>
> What you heard was probably what was dubbed the "Buzzsaw" about a year and a
> half ago. The ARRL announced on January 11, 2001 that the source of this
> interference was from Iranian jammers jamming Iraqi pirate transmitters.
> The transmission switches frequency in 10 kHz increments every few minutes
> at the bottom end of 40m. Take a listen at the following site to hear if
> this is what you heard:
>
> <http://www.qsl.net/aa5tb/sig02.html>
>
> Steve Yates

Date: Fri, 8 Mar 2002 08:28:38 -0600 (CST)
From: John Bohnert <johnb@elmhcx9.elmhurst.edu>
To: qrp-l@Lehigh.EDU
Subject: [121589] PSK31 and OMNIV Questions
Message-ID: <Pine.SV4.3.96.1020308080410.12035B-100000@elmhcx9.elmhurst.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I am about ready to hit the bands with QRP PSK31. I have been transmitting into a dummy load to become familiar with the DIGIPAN software I will use for my introduction to this mode. I have 'watched' many QSO's over the past couple of days. I do have several questions...

1. The level of audio output from the two jacks on my sound card have significantly different levels of audio output. I have explored the level controls and do not seem to be able to set up a situation where the level of audio output is the same. These differences lead to some confusion when I attached one of the jacks to my OMNI V and could not produce a signal in transmit. I then reversed this connection with the computer speakers and have audio input into the OMNI V, but can 'barely' hear the received PSK signal. (I do not need to hear this signal, but I am curious as to the possible cause for this difference in audio level output from the sound card).

2. I am a CW only op and have never owned a microphone and transmitted a SSB signal with my OMNI V. Through the use of the level control in DIGIPAN and a control in the audio line to the audio in jack of the OMNI V, it is possible to move the microphone control very slightly in a clockwise direction from its full counterclockwise setting to activate the ALC indicator...or with a change in the settings of control in the audio line to require the microphone control to be turned nearly fully clockwise before the ALC indicator is activated. Most information I have read indicates that the microphone control should be positioned where 'normal SSB operation takes place.' Help, I have no idea of the appropriate position for the microphone control...

3. In watching the PSK frequencies I see there is alot of 'clutter' being recorded on the screen...random characters to do not appear to be associated with QSO...for example, when there is a change over during the QSO or when you are not tuned to a specific signal. Is this clutter of characters normal, or is there some aspect of the software that I have not discovered?

Thanks...look for me on QRP PSK31 this weekend

72 N9KW John

Date: Fri, 8 Mar 2002 07:01:29 -0800 (PST)
From: Gary Slagel <gds slagel@yahoo.com>
To: QRP L <qrp-l@Lehigh.EDU>
Subject: [121590] Base Loaded vert vs middle loaded vert?
Message-ID: <20020308150129.4509.qmail@web11604.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I've always thought that the farther up from the base you can put a loading coil the better when building a vertical but.... how much better? I'd really like some way to quantify it.

Can anyone enlighten me or point me at some good reading on this subject?

Thanks & 73, Gary

=====

Gary Slagel/N0SXX
Conifer, CO 80433
gdslagel@yahoo.com
Personal Website: <http://members.fortunecity.com/gdslagel>

Do You Yahoo!?
Try FREE Yahoo! Mail - the world's greatest free email!
<http://mail.yahoo.com/>

Date: Fri, 8 Mar 2002 09:07:19 -0600
From: "Thor - N9IK" <n9ik@thorlind.com>
To: <johnb@elmhcx9.elmhurst.edu>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [121591] RE: PSK31 and OMNIV Questions
Message-ID: <NEBBLNLOELOIHIEKHCPACEMMCPPAA.n9ik@thorlind.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I'm certainly not an expert, but I'll offer up some of my own observations;

> 1. The level of audio output from the two jacks on my sound card have
> significantly different levels of audio output. I have explored the level
> controls and do not seem to be able to set up a situation where the level
> of audio output is the same. These differences lead to some confusion
> when I attached one of the jacks to my OMNI V and could not produce a
> signal in transmit. I then reversed this connection with the computer
> speakers and have audio input into the OMNI V, but can 'barely' hear the
> received PSK signal. (I do not need to hear this signal, but I am
> curious as to the possible cause for this difference in audio level output
> from the sound card).

I think you are referring to the 'Line Out' and 'Headset' outputs on your soundcard. On my laptop I'm using the 'headphone' output to feed to my rig's mic connection. Now, I don't have a rig as sophisticated as the OMNI V - I'm using an old Kenwood TS-130s.

> 2. I am a CW only op and have never owned a microphone and transmitted a
> SSB signal with my OMNI V. Through the use of the level control in
> DIGIPAN and a control in the audio line to the audio in jack of the OMNI
> V, it is possible to move the microphone control very slightly in a
> clockwise direction from its full counterclockwise setting to activate the

> ALC indicator...or with a change in the settings of control in the audio
> line to require the microphone control to be turned nearly fully clockwise
> before the ALC indicator is activated. Most information I have read
> indicates that the microphone control should be positioned where 'normal
> SSB operation takes place.' Help, I have no idea of the appropriate
> position for the microphone control...

It's really no different that setting your power for CW. What I do is
adjust the Mic setting by watching my power meter. I've been having a lot
of fun working PSK31 QRP. I keep my power set for 1 watt, and crank it up
to 5 watts if I'm having trouble. To work some of the DX stations in the
past, I have had to turn it up to 30 to 50 watts before, but rarely. Just
keep the ALC in the range indicated on your dial and you'll be OK.

>
> 3. In watching the PSK frequencies I see there is alot of 'clutter' being
> recorded on the screen...random characters to do not appear to be
> associated with QSO...for example, when there is a change over during the
> QSO or when you are not tuned to a specific signal. Is this clutter of
> characters normal, or is there some aspect of the software that I have not
> discovered?

That clutter is the software's interpretation of noise. I think Digipan
has an audio indicator, showing the received audio strength. On that
indication there should be a line that is your "threshold". Move that
setting to just above the noise floor (the level of audio when you are NOT
receiving a signal from another station) and most or all of the 'clutter'
will go away. Keep in mind that you may need to have that audio threshold
set lower to work some weak DX stations.

Hope this helps.

- Thor, N9IK

Date: Fri, 08 Mar 2002 15:19:30
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Cc: WD8CIV@worldnet.att.net
Subject: [121592] Re: PCB etchant
Message-ID: <F115Cm0a7LsNIoBkR8G0000e3e8@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>On a slightly more serious note - what about a reverse electroplating

>process? Using a board masked with resist as an electrode in a copper
>plating bath, only using the current to erode the copper from the unmasked
>board. Would that work?

>Dave

Well I would think that it would work for a while but eventually you will get to a point where there is an open circuit ... no more copper path to the rest of the board. Remember, the final product is a bunch of copper islands and atolls. Also, I wonder whether there would be serious undercutting of the resist. Gas generation would take place almost certainly, which might help prevent undercutting but also might promote undercutting (by weakening the resist).

Anyway, those are my thoughts.

Brad

Chat with friends online, try MSN Messenger: <http://messenger.msn.com>

Date: Fri, 08 Mar 2002 09:37:16 -0600
From: "George, W5YR" <w5yr@att.net>
To: "Karl F. Larsen" <k5di@zianet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121593] Re: Fox: Spots but heck!
Message-ID: <3C88DAAC.ADA56A63@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You are so right, Karl!

I hadn't looked closely at the map and had the notion that the great circle distance from either NY or MN to either North Texas or Southern NM would be about the same. But there is a significant difference, plus you never know what 40 is going to do in the evenings.

I cross checked between my EDZ and the Butternut HF9V when things started and saw little difference between them here, but most of the time I can hear much better with the wire than with the vertical. Guess it has a little directivity even on 40 . . .

Hope you will encourage a summer Cub Hunt, Karl, on either 40 or 20. I think that we have gotten a lot of new Hounds due to the Cub Hunts and I sure would like to see them continued, especially as more and more guys/gals are getting on CW at low speeds and are looking for operating activities that they can handle.

72/73/00, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

All outgoing email virus-checked by Norton Anti-Virus 2002

"Karl F. Larsen" wrote:

>
> If your in Dallas George your 700 miles closer to both Fox. I
> think the propogation did it but will look at both Fox logs and see what
> they heard. And when it gets light I will see if my Butternut vertical is
> still standing. The FT-817 was putting out a whopping 5 watts!
>

Date: Fri, 8 Mar 2002 10:49:49 -0500
From: "ZOOM" <kandrparker@sympatico.ca>
To: <alihernlem@hotmail.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [121594] Re: PCB etchant
Message-ID: <004e01c1c6b8\$e15969a0\$99a4fea9@roberttpa>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Try it but I don't think it would work. The process would be long and think the resist would breakdown before you finished.
The best way to find out is to do it.

Cheers,
Robert
VE3RPF

----- Original Message -----
From: Brad Hernlem <alihernlem@hotmail.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Friday, March 08, 2002 3:19 PM
Subject: Re: PCB etchant

> >On a slightly more serious note - what about a reverse electroplating
> >process? Using a board masked with resist as an electrode in a copper
> >plating bath, only using the current to erode the copper from the
unmasked
> >board. Would that work?
>
> >Dave
>
> Well I would think that it would work for a while but eventually you
> will get to a point where there is an open circuit ... no more copper path
> to the rest of the board. Remember, the final product is a bunch of copper
> islands and atolls. Also, I wonder whether there would be serious
> undercutting of the resist. Gas generation would take place almost
> certainly, which might help prevent undercutting but also might promote
> undercutting (by weakening the resist).
>
> Anyway, those are my thoughts.
>
> Brad
>
>
>
>
> -----
> Chat with friends online, try MSN Messenger: <http://messenger.msn.com>
>

Date: Fri, 8 Mar 2002 09:01:56 -0700
From: "Jason Nochlin" <jman0iin@attbi.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121595] Re: Fox
Message-ID: <001c01c1c6ba\$92eb5ec0\$016410ac@mshome.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I know it is kind of early to think about this, but it was great working my
first 2, hopefully 3, cubs and my first fox, so I was wondering when 20m
meter hunts are going to start?

73,

Jason KØIIN

Date: Fri, 08 Mar 2002 16:06:05 +0000
From: jman0iin@attbi.com
To: qrp-l@lehigh.edu
Subject: [121596] Potentiometers
Message-ID: <20020308160605.UVXC1214.rwcrmhc54.attbi.com@rwcrrwbc57>

I bought a 10k ohm pot. to use for my ALC Mod for the my IC-735. The pot. is about 4inches long which is a lot longer than I need it. So, can you shorten the knob part of the pot?

73,
Jason KØIIN

Date: Fri, 08 Mar 2002 10:07:40 -0600
From: "George, W5YR" <w5yr@att.net>
To: "qrp-l@Lehigh.edu" <qrp-l@Lehigh.edu>
Cc: netxqrp <netxqrp@mailman.qth.net>
Subject: [121597] MANY THANKS!
Message-ID: <3C88E1CC.1C15D8E@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

On behalf of the NE-TX TORNADOS team members and the members of the North East Texas QRP Club (NETXQRP), I would like to offer sincere thanks to all the Foxii and to the Fox Hunt committee for their efforts to help us achieve the Number One objective of the Hunts: HAVE FUN!

I speak for all our group when I say that we have looked forward to Tuesday and Thursday evenings so that we could pit our hunting skills against the devious Foxii. None of it would have happened without the coordination of the Committee and the hard work every week on the part of the Foxii. And we did "have fun!"

Again, from the NE-TX TORNADOS and NETXQRP, well done!

72/73/oo, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe
Amateur Radio W5YR, in the 56th year and it just keeps getting better!
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Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

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Date: Fri, 8 Mar 2002 11:11:26 -0500
From: "Brian" <brian@iquest.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121598] Re: MANY THANKS!
Message-ID: <001901c1c6bb\$e68c4160\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm with George. Even though I didn't participate MUCH this year, I do appreciate everyone working to put this program in action every year. It's fun!

73

----- Original Message -----
From: "George, W5YR" <w5yr@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Friday, March 08, 2002 11:07 AM
Subject: MANY THANKS!

> On behalf of the NE-TX TORNADOS team members and the members of the North
> East Texas QRP Club (NETXQRP), I would like to offer sincere thanks to all
> the Foxii and to the Fox Hunt committee for their efforts to help us
> achieve the Number One objective of the Hunts: HAVE FUN!
>
> I speak for all our group when I say that we have looked forward to
Tuesday
> and Thursday evenings so that we could pit our hunting skills against the
> devious Foxii. None of it would have happened without the coordination of
> the Committee and the hard work every week on the part of the Foxii. And
we
> did "have fun!"
>
> Again, from the NE-TX TORNADOS and NETXQRP, well done!
>
> 72/73/oo, George W5YR - the Yellow Rose of Texas
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> Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437
>
> All outgoing email virus-checked by Norton Anti-Virus 2002
>
>

Date: Fri, 08 Mar 2002 16:10:49 +0000
From: Chuck Adams <k7qo@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [121599] Harbor Freight Hand Punch [part 2]
Message-ID: <5.1.0.14.0.20020308160026.009fd0c0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

The question was asked about the punch sizes.
The new punch (Item 44060) has only the English
sizes of 3/32", 1/8", 5/32", 3/16", 7/32", 1/4", and
9/32" shown on the box label and adjacent to the dies
in the case.

Since 25.4 mm is 1.0 inch, these are shown as
2.38mm, 3.18mm, 3.97mm, 4.76mm, 5.56mm,
6.35mm, and 7.14mm in the older case. I have
not taken out the trusty calculator to double
check these values.

I use the 3.18mm size punch to make my pads for
Manhattan projects. Rarely will I need a larger pad.

I have gotten several emails from individuals that have
the 500 pads for \$5 on order from Dan's Small Parts.
No one has the size of the pads noted or just how
well they work. I personally go through a process
of cleaning PC board material before I punch it to
insure that I have a clean surface to glue to and a
clean surface to tin on the top side after the pad
is in place. No mention if Dan's pads are single
or double sided and that point is not at all critical.

For those of you in the Dallas, TX area --- Tanner's
Electronics has the best buy on PC board material
that I know of. It is paper based material with only

0.5 oz coating, but it is easy to use and punches and shears easily. The material comes in 24" x 36" size if I recall correctly.

FYI,

dit dit

Chuck Adams, K7QO CP-60 k7qo@earthlink.net
<http://www.qsl.net/k7qo>

Moving to Arizona? --- Bring your own water, please.

Date: Fri, 8 Mar 2002 11:17:47 -0500
From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
To: "'gds slagel@yahoo.com'" <gds slagel@yahoo.com>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121600] RE: Base Loaded vert vs middle loaded vert?
Message-ID: <F9351DA9F0F6D41187410090277B3EB304D5FCDD@ev008msxaege.ae.ge.com>

There's a very good article in the ARRL handbook on exactly that subject. Take a look, they give you formulas and such to use to find the optimum location for the loading coil as a function of gain and efficiency.

Mark, AA4MF

-----Original Message-----
From: Gary Slagel [mailto:gds slagel@yahoo.com]
Sent: Friday, March 08, 2002 10:01 AM
To: Low Power Amateur Radio Discussion
Subject: Base Loaded vert vs middle loaded vert?

I've always thought that the farther up from the base you can put a loading coil the better when building a vertical but.... how much better? I'd really like some way to quantify it.

Can anyone enlighten me or point me at some good reading on this subject?

Thanks & 73, Gary

=====

Gary Slagel/N0SXX
Conifer, CO 80433
gdslagel@yahoo.com
Personal Website: <http://members.fortunecity.com/gdslagel>

Do You Yahoo!?
Try FREE Yahoo! Mail - the world's greatest free email!
<http://mail.yahoo.com/>

Date: Fri, 8 Mar 2002 08:30:01 -0800
From: Conrad Weiss <radman@best.com>
To: "'jman0iin@attbi.com'" <jman0iin@attbi.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [121601] RE: Potentiometers
Message-ID: <01C1C67B.712AEC40@209-162-49-54.thegrid.net>

Hi Jason,

Yep, no problem shortening a pot shaft --- BUT... make sure you don't put undue stress on the pot shaft bushing/etc while cutting.

Here's a couple of techniques:

- 1.) Hold the pot shaft with a pair of pliers, very close to the pot. (If you like, you can wrap some drafting/masking tape around the shaft to protect it from being marked by the pliers.) Then, use a hack saw to cut the shaft as close to the pliers as you like. Use a flat file to clean up the cut.
- 2.) The Dremel Method: using safety glasses, mount a circular metal saw blade in the Dremel tool and saw to length. The shaft is typically aluminum and cuts like butter. Cleanup with a flat file. Apply knob and enjoy!

There ya go! An added tip is to use a larger diameter knob on the pot/ALC mod circuit, if the adjustment is a bit touchy.

Happy low power...:)

Best,

Conrad Weiss
NN6CW

From: jman0iin@attbi.com[SMTP:jman0iin@attbi.com]
Sent: Friday, March 08, 2002 8:06 AM
To: Low Power Amateur Radio Discussion
Subject: Potentiometers

I bought a 10k ohm pot. to use for my ALC Mod for the my IC-735. The pot. is about 4inches long which is a lot longer than I need it. So, can you shorten the knob part of the pot?

73,
Jason K0IIN

Date: Fri, 08 Mar 2002 10:44:39 -0600
From: "George, W5YR" <w5yr@att.net>
To: radman@best.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121602] Re: Potentiometers
Message-ID: <3C88EA77.8A58A39F@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Back in the 40's when I worked in a radio shop while in high school, our procedure for cutting shafts was to place the shaft in a vise with only the pot body and as much shaft as we wanted to save plus about 1/4" out of the jaws. Mark the shaft at the exact desired length and use a hacksaw to cut it off. Take a file and chamfer or smooth the cut edges. Unless the shaft is held very firmly as in a vise, the sawing will either be slow and ineffective or possibly damage the pot.

Conrad's way is OK if you can hold the pliers tight and steady enough - I never could! <:}

72/73/00, George W5YR - the Yellow Rose of Texas
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Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

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Conrad Weiss wrote:

>

> Hi Jason,
>
> Yep, no problem shortening a pot shaft --- BUT... make sure you don't put
> undue stress on the pot shaft bushing/etc while cutting.
>
> Here's a couple of techniques:
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> 1.) Hold the pot shaft with a pair of pliers, very close to the pot. (If
> you like, you can wrap some drafting/masking tape around the shaft to
> protect it from being marked by the pliers.) Then, use a hack saw to cut
> the shaft as close to the pliers as you like. Use a flat file to clean up
> the cut.
>
> 2.) The Dremel Method: using safety glasses, mount a circular metal saw
> blade in the Dremel tool and saw to length. The shaft is typically aluminum
> and cuts like butter. Cleanup with a flat file. Apply knob and enjoy!
>
> There ya go! An added tip is to use a larger diameter knob on the pot/ALC
> mod circuit, if the adjustment is a bit touchy.
>

Date: Fri, 08 Mar 2002 11:21:28 -0600
From: Ken Hopper <khopper@uchicago.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [121603] [OT] OMNI-VI+ discontinued, TT announces ORION
Message-ID: <3C88F318.309@uchicago.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Did you see that Ten-Tec has discontinued the OMNI-VI+ and will debut the
brand new (high-end, super-duper) "ORION" at the Charlotte, NC hamfest
tomorrow (Saturday March 9th).

Info at:
 <http://www.n9vv.com/orion.html>
or <http://www.tentec.com/TT565.htm>

dit dit
de ken n9vv

Date: Fri, 8 Mar 2002 12:45:25 -0500

From: "Brian" <brian@iquest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [121604] Re: [OT] OMNI-VI+ discontinued, TT announces ORION
Message-ID: <003c01c1c6c9\$075a9e70\$3d05080a@cincom.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Stop it. You're killing me.

EXCELLENT site!

73

----- Original Message -----

From: "Ken Hopper" <khopper@uchicago.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Friday, March 08, 2002 12:21 PM
Subject: [OT] OMNI-VI+ discontinued, TT announces ORION

> Did you see that Ten-Tec has discontinued the OMNI-VI+ and will debut the
> brand new (high-end, super-duper) "ORION" at the Charlotte, NC hamfest
> tomorrow (Saturday March 9th).
>
> Info at:
> <http://www.n9vv.com/orion.html>
> or <http://www.tentec.com/TT565.htm>
>
> dit dit
> de ken n9vv
>
>

Date: Fri, 8 Mar 2002 10:06:15 -0800 (PST)
From: Richard Fisher <ki6sn@yahoo.com>
To: QRP-L Reflector <qrp-l@lehigh.edu>
Cc: russ@natworld.com
Subject: [121605] Now Showing - The ARS Sojourner
Message-ID: <20020308180615.38689.qmail@web12107.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The March edition of the Adventure Radio Society's monthly web

magazine, The ARS Sojourner, is virtually yours and just a link away at:

<http://www.natworld.com/ars>

Here's a rundown of stories and features appearing this month:

- + Bald and Beautiful: To the Top of Georgia, by Glen Hazen, N8WE
- + New Challenges: Going Beyond the Top of the World, by John Cumming, VE3JC
- + Antenna Launching for Serious Practitioners, by Russ Carpenter, AA7QU
- + Third Time's A Charm: To the Top of Kentucky, by Glen Hazen, N8WE
- + More Mamore Madness: Day 2 of a Trek Across the Scottish Highlands, by Richard Newstead, G3CWI
- + Upcoming ARS events, including the April and May Spartan Sprints
- + Results and soapbox comments from the March Spartan Sprint, with champs K0EVZ and NC7W
- + The Wilderness Alerts for March 2002 (regularly updated)
- + From Our Vantage Point, The ARS Sojourner
- + Who's Who and Who's New: New Members of the Adventure Radio Society, by Richard Fisher, KI6SN

On behalf of webmaster Russ Carpenter, AA7QU, The ARS Sojourner staff and contributing writers, we hope you enjoy this edition. As always, we appreciate your feedback and editorial contributions for coming editions.

Vy 72,

Richard Fisher, KI6SN
Executive editor, The ARS Sojourner
Riverside, CA
KI6SN@yahoo.com

Do You Yahoo!?
Try FREE Yahoo! Mail - the world's greatest free email!
<http://mail.yahoo.com/>

Date: Fri, 8 Mar 2002 10:06:19 -0800
From: "DTX" <dtx@wood.tzo.com>
To: <qrp-1@lehigh.edu>
Cc: <johnb@elmhcx9.elmhurst.edu>
Subject: [121606] Re: PSK31 and OMNIV Questions
Message-ID: <003401c1c6cb\$f3430140\$0c00a8c0@home>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A general "rule of thumb" to use is get the level settings at mid-range. Particularly the mixer levels for the PC Sound Card. And for the radio as well. With the Sound card you are trying to minimize quantization errors....with the radio, analog noise and hum. Now that you have done that, with most modern radios will be over driven by the PC output and will in turn be overdriving the PC input. Resist the easy way out by turning everything down. Put resistive pads in both lines. 20db to 40db is not unusual.

Being a general rule, there will be atleast 10% of you that this will NOT be the best course of action. But it is still a good starting point. Now you can proceed with the finer points of ground loops and RF getting into the audio and monitor hash and switching power supply noise from the computer. All the really fun stuff<G>.

I personally use Hamscope 1.4, but there are several other good programs out there. Mix, Stream and some others that are mostly different in options, interface and macros. If someone had a basic decoder that was 6-8db better than the rest, we would all be using it and let the bells and whistles be damned. My only "knock" against DigiPan is it just does psk31. Or more correctly, does not have MFSK16 and Throb and some of the other follow on modes. As great as psk31 is for ragchews, it is not the best possible mode to dig out weak and path-distorted signals.

Yes, those trash characters are what random noise looks like to the decoder. And as Thor says, you can sometimes find settings to stop it from getting to the screen. But beware of missing the weak ones. After awhile you just quit "seeing it," sort of like you stop "listening" to the noise on CW when the other station stops sending.

And my final warning is: beware of the dreaded DMAS.....hi. Digital Mode Addiction Syndrome. It is real and it will sneak up on you with no warning, like a thief in the night ;-)

Gary WA6DTX

----- Original Message -----

From: "John Bohnert" <johnb@elmhcx9.elmhurst.edu>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Friday, March 08, 2002 6:28 AM

Subject: PSK31 and OMNIV Questions

> I am about ready to hit the bands with QRP PSK31. I have been transmitting

> into a dummy load to become familiar with the DIGIPAN software I will use
> for my introduction to this mode. I have 'watched' many QSO's over the
> past couple of days. I do have several questions...
>
> 1. The level of audio output from the two jacks on my sound card have
> significantly different levels of audio output. I have explored the level
> controls and do not seem to be able to set up a situation where the level
> of audio output is the same. These differences lead to some confusion
> when I attached one of the jacks to my OMNI V and could not produce a
> signal in transmit. I then reversed this connection with the computer
> speakers and have audio input into the OMNI V, but can 'barely' hear the
> received PSK signal. (I do not need to hear this signal, but I am
> curious as to the possible cause for this difference in audio level output
> from the sound card).
>
> 2. I am a CW only op and have never owned a microphone and transmitted a
> SSB signal with my OMNI V. Through the use of the level control in
> DIGIPAN and a control in the audio line to the audio in jack of the OMNI
> V, it is possible to move the microphone control very slightly in a
> clockwise direction from its full counterclockwise setting to activate the
> ALC indicator...or with a change in the settings of control in the audio
> line to require the microphone control to be turned nearly fully clockwise
> before the ALC indicator is activated. Most information I have read
> indicates that the microphone control should be positioned where 'normal
> SSB operation takes place.' Help, I have no idea of the appropriate
> position for the microphone control...
>
> 3. In watching the PSK frequencies I see there is alot of 'clutter' being
> recorded on the screen...random characters to do not appear to be
> associated with QSO...for example, when there is a change over during the
> QSO or when you are not tuned to a specific signal. Is this clutter of
> characters normal, or is there some aspect of the software that I have not
> discovered?
>
> Thanks...look for me on QRP PSK31 this weekend
>
> 72 N9KW John
>
>
>

Date: Fri, 08 Mar 2002 13:07:00 -0500
From: W2AGN <w2agn@pobox.com>
To: Ken Hopper <khopper@uchicago.edu>,

Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [121607] Re: [OT] OMNI-VI+ discontinued, TT announces ORION
Message-ID: <02030813070004.02221@jsielke>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

On Friday 08 March 2002 12:21, Ken Hopper wrote:

> Did you see that Ten-Tec has discontinued the OMNI-VI+ and will debut the
> brand new (high-end, super-duper) "ORION" at the Charlotte, NC hamfest
> tomorrow (Saturday March 9th).
>

--

Unfortunately, at the expense of QRP. Their new QRP Rig was to have come out in January, then was pushed to "Spring 2002." The Orion, which was only announced a couple months ago, seems ready to go.

I guess it's just economic reality, but I am disappointed that the QRP rig seems to be shoved to a back burner.

John L Sielke W2AGN

w2agn@pobox.com

<http://mywebpages.comcast.net/w2agn>

Trustee: W3IYQ

Date: Fri, 8 Mar 2002 10:08:25 -0800
From: "Kory Hamzeh" <kory@avatar.com>
To: <pgardella@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121608] RE: Flagpole to go
Message-ID: <002601c1c6cc\$3dcda580\$14ce21c7@avatar.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I also asked them to quote a 30 ft and maybe even a 40 ft version. Maybe we

can do a group by if there is enough interest.

Kory
AC6RN

> -----Original Message-----
> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of
> Patrick Gardella
> Sent: Friday, March 08, 2002 5:26 AM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Flagpole to go
>
>
> I just hit the <http://www.jtdent.com> site, and they have 6
> different sizes of these flagpoles:
> 5' 10" Flagpole To Go, \$17.25
> 8' 8" Flagpole To Go, \$22.50
> 11' 7" Flagpole To Go, \$29.00
> 14' 4" Flagpole To Go, \$36.95
> 17' 2" Flagpole To Go, \$43.95
> 20' Flagpole To Go, \$51.95
>
> I also dropped them a note (cc'd Ray) to determine what kind of
> windload they can handle, and
> since they do custom work, how much a longer "flagpole" would cost.
>
> Patrick
> KD4LOX
>
> --- Ray Sills <raysills@1stconnect.com> wrote:
> > Hi Gang:
> >
> > I happend to be in the campus bookstore at the University of Kentucky on
> > Tuesday and noticed an item that was geared to the interests of
> > blue-blooded
> > Wildcat football fans: a portable (telescoping) flag pole.
> >
> > Naturally, I thought it was a vertical antenna, first. But, a
> > closer look
> > revealed that it can extend to 17 feet 2 inches. (Hmmm 1/4 on 20, eh?).
> > But, I don't think there is a good low-resistance path between
> > the sections.
> > But, I'll check it out with a meter, to be sure. Even so, you
> > could easily
> > suspend a piece of wire as a vertical element. Or... use it to
> > hoist up the
> > center of a dipole.
> >

> Reply-To: kory@avatar.com
> Date: Fri, 8 Mar 2002 10:08:25 -0800
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> Subject: RE: Flagpole to go
>
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>> the sections.
>>> But, I'll check it out with a meter, to be sure. Even so, you
>> could easily
>>> suspend a piece of wire as a vertical element. Or... use it to
>> hoist up the
>>> center of a dipole.
>>>
>>> So, I bought one. Price was \$45. Possibly a little high, but it's all
>>> assembled and when collapsed, only about 4 feet long... easy to
>> carry, and
>>> lightweight. The manufacturer is J.T. D. Enterprises of Troy, Michigan.
>>> They're on the web at www.jtdent.com. They also make a
>> "drive-on" base..
>>> made of plate steel and a welded vertical tube to hold the
>> pole. I didn't
>>> get that thing, since I'll find another way to hold it up.
>>>
>>> Anyway, it looks promising. I'll keep you posted.
>>>
>>>
>>> 73 de Ray
>>> K2ULR
>>> FN20t1
>>>
>>>
>>>
>>
>>
>> -----
>> Do You Yahoo!?
>> Try FREE Yahoo! Mail - the world's greatest free email!
>> <http://mail.yahoo.com/>
>>
>
>

Date: Fri, 8 Mar 2002 11:42:10 -0700
From: "Jason Nochlin" <jman0iin@attbi.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121610] Re: Potentiometers
Message-ID: <001101c1c6d0\$f5a34620\$016410ac@mshome.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Thanks for info on how cut them down. I just got the knob for it and will cut a little later.

73/2,

Jason K0IIN

Date: Fri, 8 Mar 2002 10:45:01 -0800
From: "Kory Hamzeh" <kory@avatar.com>
To: "John Wagner" <john@wagner-usa.net>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [121611] RE: Flagpole to go
Message-ID: <002c01c1c6d1\$5aadf920\$14ce21c7@avatar.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I just got an e-mail from them saying the longer they can build in the flag pole style is 20 feet, but they said to contact www.testrite.com they also make custom tubular assemblies.

I check it out over the weekend. I have to get back for work now!

73,

Kory

> -----Original Message-----
> From: John Wagner [mailto:john@wagner-usa.net]
> Sent: Friday, March 08, 2002 10:32 AM
> To: kory@avatar.com; Low Power Amateur Radio Discussion
> Subject: Re: Flagpole to go
> Importance: High
>
>
> The golf ball retriever looks to be more economical. Probably not
> as strong,
> but probably lighter and more portable.
>
> 73,
>
> John, N1Q0
>
> > From: "Kory Hamzeh" <kory@avatar.com>

> > Reply-To: kory@avatar.com
> > Date: Fri, 8 Mar 2002 10:08:25 -0800
> > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
> > Subject: RE: Flagpole to go
> >
> >
> > I also asked them to quote a 30 ft and maybe even a 40 ft
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> > Kory
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> >> From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On
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> >>> They're on the web at www.jtdent.com. They also make a
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> >>> made of plate steel and a welded vertical tube to hold the
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> >>> Anyway, it looks promising. I'll keep you posted.
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> >>> K2ULR
> >>> FN20t1
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> >>>
> >>>
> >>
> >>
> >> -----
> >> Do You Yahoo!?
> >> Try FREE Yahoo! Mail - the world's greatest free email!
> >> <http://mail.yahoo.com/>
> >>
> >
> >
>
>

Date: Fri, 8 Mar 2002 13:47:11 -0500

From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
To: "'w2agn@pobox.com'" <w2agn@pobox.com>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121612] RE: [OT] OMNI-VI+ discontinued, TT announces ORION
Message-ID: <F9351DA9F0F6D41187410090277B3EB304D5FCE6@ev008msxaege.ae.ge.com>

What's the QRP rig about? Is it something like a Scout?

Mark, AA4MF

-----Original Message-----

From: W2AGN [mailto:w2agn@pobox.com]
Sent: Friday, March 08, 2002 1:07 PM
To: Low Power Amateur Radio Discussion
Subject: Re: [OT] OMNI-VI+ discontinued, TT announces ORION

On Friday 08 March 2002 12:21, Ken Hopper wrote:

> Did you see that Ten-Tec has discontinued the OMNI-VI+ and will debut the
> brand new (high-end, super-duper) "ORION" at the Charlotte, NC hamfest
> tomorrow (Saturday March 9th).
>

--

Unfortunately, at the expense of QRP. Their new QRP Rig was to have come out
in January, then was pushed to "Spring 2002." The Orion, which was only
announced a couple months ago, seems ready to go.

I guess it's just economic reality, but I am disappointed that the QRP rig
seems to be shoved to a back burner.

John L Sielke W2AGN

w2agn@pobox.com

<http://mywebpages.comcast.net/w2agn>

Trustee: W3IYQ

Date: Fri, 8 Mar 2002 11:00:15 -0500
From: "Tracy Markham" <tracy@bytemark.com>
To: "QRP-L" <qrp-l@lehigh.edu>

Subject: [121613] RE: Atomic Clock (with Atmel chip info for Time Code Receiver)
Message-ID: <NFBBKLDHALEHCJMAJPKFGELMCMAA.tracy@bytemark.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Yup, we make a lot of antennas for various companies doing the 60 KHz NIST broadcasts. The more reliable ones use a larger rod. They are fairly directional, and if the manufacturer is at all kind they put a statement to that affect in the owners manual.

We're going to put the antenna designs online for a kit. We get so many requests for that antenna we're going to put it online. I personally think they should use two of the antennas phased in some way to get a more 'omni directional' pattern, but expense probably keeps the manufacturers from considering that.

If you're interested in building such an animal, which I think would be a really interesting project, ATMEL makes a receiver chip perfectly suited for that. Their part number is U4223B, they call it a 'Time Code Receiver with A/D Converter.'

The data sheet on that is incredibly informative and includes detailed information on designing the antenna, decoding the data transmissions and everything you would need to know to build the entire receiver. It has information on WWVB, as well as the German (77.5 KHz), British (60 KHz) and Japanese (40 KHz) transmitters. They even supply a schematic for a test circuit.

Since it can interface with a computer, it would sure be neat to have it be able to put the time in a log program ...

Tracy N4LGH
(CWS ByteMark)

Here at my QTH in Central NJ... proper alignment of the clock with respect to the west direction is very important. I assume the receiver part of the clock uses a ferrite loop type antenna, ...

Date: Fri, 08 Mar 2002 13:58:29 -0500
From: Hank Kohl K8DD <k8dd@arrl.net>
To: Mark.Fancher@ae.ge.com,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [121614] RE: [OT] OMNI-VI+ discontinued, TT announces ORION
Message-ID: <5.1.0.14.2.20020308135744.024dbb40@mail.arenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Take a look at <http://www.tentec.com/TT516.htm>
Sounds like a pretty neat little radio with a not so bad price.

72/73 Hank K8DD

At 3/8/02 01:47 PM -0500, Fancher, Mark (GEAE) wrote:
>What's the QRP rig about? Is it something like a Scout?
>
>Mark, AA4MF

*/ Hank Kohl K8DD k8dd@arrl.net
*/ ARRL TS <http://www.qsl.net/k8dd>
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/

If God intended you to be on single sideband, he would have given you only
one nostril.
- Steve, K2PTS

Date: Fri, 08 Mar 2002 14:05:54 -0500
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [121615] TT announces ORION and Status of 516
Message-ID: <3C890B91.83CECCAB@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang--

I'll be at the Charlotte Hamfest tomorrow and will be glad to personally
deliver any email regarding your support for the 516. Send any such
message to me off-list before midnight EST; I'll print them out before
departing Sat am and take them straight to the fine folks from Ten-Tec.
Maybe then the marketing folks will realize there is a market out there!

73
Ken KG4FGC

Date: Fri, 08 Mar 2002 14:11:55 -0500
From: W2AGN <w2agn@pobox.com>
To: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121616] Re: [OT] OMNI-VI+ discontinued, TT announces ORION
Message-ID: <02030814115506.02221@jsielke>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

On Friday 08 March 2002 13:47, Fancher, Mark (GEAE) wrote:
> What's the QRP rig about? Is it something like a Scout?
>
> Mark, AA4MF

--
No, it was to be a DSP based 20W rig. Like a "mini-Jupiter." They still have
it on the web page, but info was last updated on 12/4/01.

John L Sielke W2AGN

w2agn@pobox.com

<http://mywebpages.comcast.net/w2agn>

Trustee: W3IYQ

Date: Fri, 8 Mar 2002 09:49:01 -0500 (EST)
From: <n2go@arrl.net>
To: Ken Hopper <khopper@uchicago.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121617] Re: [OT] OMNI-VI+ discontinued, TT announces ORION
Message-ID: <Pine.LNX.4.33.0203080942280.3908-1000000@valhalla.v>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

That explains why the VI+ is hovering just above the \$1K mark.
New models will tend to have that effect. Enjoy them while you got them.

It is going to be hard to invest in a kit radio with quality used rigs becoming so affordable.

Any rig can be run at qrp levels.

73,

Jim n2go

Date: Fri, 08 Mar 2002 11:39:41 -0800
From: "K7FD N7SG" <k7fd@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [121618] RE: [OT] OMNI-VI+ discontinued, TT announces ORION
Message-ID: <F225Qt0uD5n1LFNfPs400004561@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I think it's gonna be called a Snout...something to do with the Flying Pigs... ;)

73 John K7FD

>From: "Fancher, Mark (GEAE)" <Mark.Fancher@ae.ge.com>
>Reply-To: Mark.Fancher@ae.ge.com
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: RE: [OT] OMNI-VI+ discontinued, TT announces ORION
>Date: Fri, 8 Mar 2002 13:47:11 -0500
>
>What's the QRP rig about? Is it something like a Scout?
>
>Mark, AA4MF

Send and receive Hotmail on your mobile device: <http://mobile.msn.com>

Date: Fri, 8 Mar 2002 12:42:02 -0700
From: "Francis Callahan" <colcal@srv.net>
To: <QRP-L@lehigh.edu>
Subject: [121619] F/S Swap
Message-ID: <001d01c1c6d9\$62e285e0\$2cdd070c@callahan>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have the folling for sale or swap for a FT 817. Icom 706 MK11 with DSP installed. mike manual power cord mobile mount, also a Icom 2710H 2mtr 440 mtr dual band mobile with extended recieve on 440 side lpower on 2mtrs is 50/10/5 on 440 mtr 35/10/5 or will swap large selection of 35 mm camera equiptment reply direct please Cal KF7ET colcal@srv.net or 208 357 7431 thanks for BW

Date: Fri, 8 Mar 2002 14:54:08 -0500 (EST)
From: Stephan Greene <sgreene@patriot.net>
To: Gary Slagel <gdslagel@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [121620] Re: Base Loaded vert vs middle loaded vert?
Message-ID: <Pine.LNX.4.44.0203081453370.8826-100000@tzion.greene.lan>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 8 Mar 2002, Gary Slagel wrote:

> I've always thought that the farther up from the base
> you can put a loading coil the better when building a
> vertical but.... how much better? I'd really like
> some way to quantify it.
>
> Can anyone enlighten me or point me at some good
> reading on this subject?

recent editions of ARRL Handbook and Antenna book.

73 Steve KA1LM

Stephan A. Greene sgreene@patriot.net ka1lm@amsat.org
RHCE Herndon, VA

Date: Fri, 8 Mar 2002 15:00:57 -0500 (EST)
From: Stephan Greene <sgreene@patriot.net>

To: John Wagner <john@wagner-usa.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [121621] Re: Flagpole to go
Message-ID: <Pine.LNX.4.44.0203081459190.8826-100000@tzion.greene.lan>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 8 Mar 2002, John Wagner wrote:

> The golf ball retriever looks to be more economical. Probably not as strong,
> but probably lighter and more portable.

The golfball retriever appears to use friction to keep from collapsing -
might not be appropriate without some additional drilling or clamping to
keep it from collapsing when used as a mast or vertical radiator.

73 Steve KA1LM

Stephan A. Greene sgreene@patriot.net ka1lm@amsat.org

Date: Fri, 8 Mar 2002 15:04:36 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <KD5NWA@mbayona.com>,
 "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121622] Re: N4DD Preliminary Log Delinquency
Message-ID: <1020208150406.PAA16276@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 2/25/02 4:29 PM, Ham at KD5NWA@mbayona.com wrote:

>Wouldn't that be 50 * 49 = 2450 contacts.
>
>I each of the 50 states you would contact the 49 others.
>
>Wouldn't take a lifetime, but would take a lot of time, specially
>considering that 50 states is a myth, there is no Delaware you know.

I dunno. I've worked plenty of them over the years, but have yet to
receive a card.

Maybe they just outlawed QSL cards in Delaware.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Fri, 8 Mar 2002 15:06:27 -0500
From: Bill Coleman <aa4lr@arrl.net>
To: <lejek@erols.com>,
 "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [121623] Re: N4DD Preliminary Log Delinquency
Message-ID: <1020208150556.PAA16405@gate.iterated.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

On 2/25/02 7:29 PM, Larry Cahoon at lejek@erols.com wrote:

>The exact count is 3077 by their system of counting the counties. It was
>3076 til last year.

How about USA-CA from all Counties?

That's $3077 \times 3077 = 9467929$. That's a lot of operating....

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@arrl.net
Quote: "Not within a thousand years will man ever fly!"
 -- Wilbur Wright, 1901

Date: Fri, 8 Mar 2002 13:24:11 -0700
From: "John_Evans" <jaevans@codenet.net>
To: <qrp-l@lehigh.edu>
Subject: [121624] re: desktop pen swivel / ball joint update
Message-ID: <200203081324.AA3494445250@mail.codenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Greetings,

For all those who were curious as to what I was building with a pen set swivel,
I have uploaded pictures of my backpacking QRP LED headlamp. Of course, my

daughter wants one now. The lightweight backpacking forum at <http://www.backpacking.net> has expressed some interest in this project and of course, this guy will see some use for radio operations in the field. The whole assembly with 3 AAA batteries weighs in at 3.6 ounces:

http://www.geocities.com/n0hj/holder_board.jpg
http://www.geocities.com/n0hj/holder_velcro.jpg
http://www.geocities.com/n0hj/holder_swivel.jpg
<http://www.geocities.com/n0hj/internal.jpg>
http://www.geocities.com/n0hj/lid_board.jpg
<http://www.geocities.com/n0hj/headstrap.jpg>
http://www.geocities.com/n0hj/front_assembly0N.jpg
http://www.geocities.com/n0hj/rear_assembly.jpg
http://www.geocities.com/n0hj/side_assembly.jpg

Date: Fri, 8 Mar 2002 15:16:34 -0500
From: "George Heron N2APB" <n2apb@erols.com>
To: "EPAQRP" <epaqrp-1@lehigh.edu>, "QRP-L" <qrp-1@lehigh.edu>,
"NJQRP" <njqrp@njqrp.org>
Cc: "George Heron N2APB" <n2apb@erols.com>
Subject: [121625] Atlanticon - hotel, proceedings, goodies, new kits
Message-ID: <007001c1c6de\$2a23e780\$8cc23ad0@GHLTP4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just a quick reminder about the Atlanticon QRP Forum next month ... there's only 4 short weeks left until our big QRP weekend in Baltimore! If you haven't yet made your plans to attend, you'd better hurry -- see below.

HOTEL ROOMS

I checked with the hotel reservation desk and there are only 10 rooms left in the "Atlanticon" block with the special reduced-rate of \$79/night. After they're gone, they may have more rooms available, but they will be at a higher rate. And she also told me that the hotel is starting to get quite full for that weekend, due to the other big activity in town that weekend - the Greater Baltimore Computerfest and Hamboree, being held over at the local county fairgrounds. It's going to be a big ham weekend -- QRP and hamfest -- so don't miss out on getting a room! You can call the Holiday Inn Cromwell Bridge at 410-823-4410, and be sure to state that you want the Atlanticon group rate.

PROCEEDINGS

I've now seen 3 of the papers submitted by the Atlanticon speakers, and I have good insight to the remaining 3 due in this coming week ... wow! This is going to be one of the best compendiums we've ever published for Atlanticon. I estimate the content to be over 100 pages, 8-1/2" x 11" format, spiral bound. We're also tossing in a bonus article ... you won't want to miss out on picking up your own copy of the Proceedings at the weekend. (You must be present to get your complimentary copy of the Atlanticon Proceedings.) Those unable to attend the Atlanticon weekend will be able to purchase the Proceedings for \$15 after the weekend. No matter how you get the publication, it's going to be a treasure trove of technical, QRP and homebrewing material that won't appear in this form in any other publications.

GOODIES

We're happy to announce that the winner of the grand prize drawing at the Atlanticon weekend will get a fully-loaded Elecraft K1-4 Transceiver. That's the 4-band K1 QRP CW transceiver with internal automatic antenna tuner (KAT-1), noise blanker (KNB1), internal battery adapter (KBT1), and the wide range tilt stand (KTS1). There's going to be a very happy attendee this year! Other major prizes being contributed by Small Wonder Labs. We're again going to have lots of door prizes, drawn by master of ceremonies Rich Arland, K7SZ after every speaker presentation on Saturday.

NEW KIT ANNOUNCEMENTS

Of course we're not going to describe them here, but those planning on being at this year's Atlanticon better be calibrated, balanced on their toes, and have their pennies in the palm of their hands ... for THREE new kits will be announced! All three kits will be available there in quantity at the weekend at a special introductory price for Atlanticon attendees. Add to this all of the other QRP Kits currently being offered by the NJQRP and you'll have a ball browsing the vendor & club tables on Saturday night.

If you're anywhere along the east coast, or able to fly/drive/crawl in from other points of the compass, we sure hope you'll consider attending Atlanticon this year. The NJQRP sponsors this annual event specially-tailored for QRPers and we go out of our way to make each time a more memorable one for attendees. It's the largest gathering of QRPers on the eastern seaboard, and per usual it's coupled with one of the largest and most popular hamfests. The lineup of QRP luminaries speaking at the conference is astounding (NA5N, K1SWL, N2CX, NF0R, K8IQY and WB3AAL), and we guarantee that you'll have the QRP time of your life.

You really owe it to yourself to attend either Atlanticon in Baltimore on April 5-6, or Arkiecon over in Ft. Smith, AR that same weekend... try it, you'll like it!

Atlanticon QRP Forum home page at
<http://www.njqrp.org/atlanticon/index.html>
Arkicon QRP Forum information at
<http://www.fix.net/~jparker/norcal/arkicon2002/arkicon2002.htm>

Date: Fri, 8 Mar 2002 15:39:49 -0500 (EST)
From: <igeq100@iupui.edu>
To: Kenneth Hoglund <hoglund@wfu.edu>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [121626] Re: TT announces ORIION and Status of 516
Message-ID: <Pine.GSO.3.96.1020308153646.16213D-100000@jade.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Ken -

Last month I wrote and asked TenTec about the roll-out of the 516. They indicated that they had something additional in the works (now we know what that was), and that they were shooting for a Dayton rollout of the 516. No promises, though. Please count me as a strong vote for the 516. (Any one want to buy a nice Scout?)

72,

Rich, WB9LPU

On Fri, 8 Mar 2002, Kenneth Hoglund wrote:

> Gang--
>
> I'll be at the Charlotte Hamfest tomorrow and will be glad to personally
> deliver any email regarding your support for the 516. Send any such
> message to me off-list before midnight EST; I'll print them out before
> departing Sat am and take them straight to the fine folks from Ten-Tec.
> Maybe then the marketing folks will realize there is a market out there!
>
> 73
> Ken KG4FGC
>
>
>

Date: Fri, 8 Mar 2002 15:40:04 -0500
From: <duffy01@fuse.net>
To: jaevans@codenet.net,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [121627] re: desktop pen swivel / ball joint update
Message-ID: <20020308204206.MFLA12360.mta03.fuse.net@smtp.fuse.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Can't see it now, you exceeded your data transfer limit.

>
> From: "John_Evans" <jaevans@codenet.net>
> Date: 2002/03/08 Fri PM 03:24:11 EST
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Subject: re: desktop pen swivel / ball joint update
>
> Greetings,
>
> For all those who were curious as to what I was building with a pen set
swivel, I have uploaded pictures of my backpacking QRP LED headlamp. Of course,
my daughter wants one now. The lightweight backpacking forum at <http://www.backpacking.net> has expressed some interest in this project and of course,
this guy will see some use for radio operations in the field. The whole assembly
with 3 AAA batteries weighs in at 3.6 ounces:
>
> http://www.geocities.com/n0hj/holder_board.jpg
> http://www.geocities.com/n0hj/holder_velcro.jpg
> http://www.geocities.com/n0hj/holder_swivel.jpg
> <http://www.geocities.com/n0hj/internal.jpg>
> http://www.geocities.com/n0hj/lid_board.jpg
> <http://www.geocities.com/n0hj/headstrap.jpg>
> http://www.geocities.com/n0hj/front_assembly0N.jpg
> http://www.geocities.com/n0hj/rear_assembly.jpg
> http://www.geocities.com/n0hj/side_assembly.jpg
>
>
>
>
>

Date: Fri, 8 Mar 2002 14:16:51 -0700
From: "John_Evans" <jaevans@codenet.net>
To: <qrp-l@Lehigh.EDU>
Subject: [121628] re: desktop pen swivel / ball joint update
Message-ID: <200203081416.AA28311874@mail.codenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Man, I guess yahoo is serious about changes to their level of service.

Sorry if you are all dissappointed in not being able to access the images - give it time and I'll see if I can work an alternate location.

72 - john - n0hj

----- Original Message -----
From: <duffy01@fuse.net>
Reply-To: duffy01@fuse.net
Date: Fri, 8 Mar 2002 15:40:04 -0500

>Can't see it now, you exceeded your data transfer limit.

Date: Fri, 8 Mar 2002 17:06:43 -0500
From: nilsbull@juno.com
To: QRP-L@lehigh.edu
Subject: [121629] Sold K2 & FT690R advert on QTH.com
Message-ID: <20020308.170914.-490891.23.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

I sent an email yesterday to post to the list about my K2 & the FT690R what I got last year at Dayton being for sale. I never saw it show up -- although another email about the TDA1072s sent at the same time did get posted.

So I posted the items for sale on QTH.com.

This evening I get home & there's over 20 emails & 11 phone calls. Both items are sold.

As in: You get to keep your money! Unless you're one of the guys what bought the radios. Thus making it easier for me to cover my tracks when

the 718 shows up . . .

73

Nils

" . . . should'a been me with that . . . "(from a Commander Cody & the
Lost Planet Airmen album ca 1970)

Nils R. Bull Young -- El Gringo Errante --

La Estancia de los Guajolotes Sonrientes -- W8IJN --

<http://w8ijn.tripod.com>

"The island is closer than your memories are." -- Ian G. Bull Young, 11
Feb 2002

GET INTERNET ACCESS FROM JUNO!

Juno offers FREE or PREMIUM Internet access for less!

Join Juno today! For your FREE software, visit:

<http://dl.www.juno.com/get/web/>.

Date: Fri, 8 Mar 2002 15:31:28 -0700

From: "John_Evans" <jaevans@codenet.net>

To: <qrp-1@Lehigh.EDU>

Subject: [121630] re: desktop pen swivel / ball joint update

Message-ID: <200203081531.AA61341916@mail.codenet.net>

Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii

I resized the images, so that when access comes back, the data transfer amount
should go way down.

72 - john - n0hj

Date: Fri, 8 Mar 2002 17:31:28 -0500

From: "N8IE" <n8ie@woh.rr.com>

To: "QRP-1" <qrp-1@lehigh.edu>, "FPQRP-1" <fpqrp-1@mpna.com>

Subject: [121631] March Bacon Bits

Message-ID: <MMEDLKDLOLONJOAIGICDJAKEHDCJAA.n8ie@woh.rr.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hey kids, it's that time again. Well OK it's about a week late. :-)

<http://www.fpqr.com>

72, oo

Dan, N8IE

FPqr #-6, QRP-1 #1404, FISTS #4985

Date: Fri, 8 Mar 2002 17:34:03 EST
From: W2SH@aol.com
To: qrp-1@lehigh.edu
Cc: rohre@arlut.utexas.edu, Stuart@rain.CC.Lehigh.EDU,
Rohre@rain.CC.Lehigh.EDU
Subject: [121632] RE: Ladder line vs. coax
Message-ID: <f5.1838c942.29ba965b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Stuart,

In order to achieve an SWR of 1,000 to one against 50-Ohm coax, one would be dealing with an impedance of 0.05 or 50,000 Ohms. I can envisage the former occurring with a virtual short circuit across the coax, and the latter with a virtual open circuit, but getting 50,000 Ohms out of a closed loop of the implied dimensions you indicate (1.25 wavelength perimeter on one of the HF bands--you didn't say which one) isn't possible.

72/73,

Charles, W2SH

Date: Fri, 8 Mar 2002 14:38:15 -0800 (PST)
From: Rich Fowler <k8meg@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [121633] Online tutorials
Message-ID: <20020308223815.25369.qmail@web10704.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I ran across this site while looking for Online tutorials. It has more info that I can absorb in one sitting.

<http://members.tripod.com/michaelgellis/tutorial.html>

Do You Yahoo!?

Try FREE Yahoo! Mail - the world's greatest free email!

<http://mail.yahoo.com/>

Date: Fri, 8 Mar 2002 17:09:42 -0600

From: "Rob Matherly" <kc0bom@arrl.net>

To: "Flying Pigs" <fpqrp-L@mpna.com>,

"Low Power Amateur Radio Discussion" <qrp-L@lehigh.edu>,

Subject: [121634] "alternate" browsers, e-mail, etc....

Message-ID: <010b01c1c6f6\$60ad2920\$8611a541@intern01>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Was looking for a dos-based Telnet client. Then I got a wild hair you-know-where about finding a dos-based e-mail client to run on and old 286 I've got laying around. I found <http://www.fdisk.com>, which had a lot of neat dos programs.

The one that seemed the most interesting was a link (<http://home.arachne.cz/>) to a program called Arachne, a dos-based graphical full-color browser. From the description, there isn't much less that it will do than IE! Plus it's only a 1 Meg download! Have it downloaded, but haven't installed it yet. It also says it'll run on a 8086 with 500k! There are add-ons you can get to play sounds and other stuff too. It says it will display .gif, .jpg, and some other format. You can also get a plug-in to play videos.

Does anyone have any experience with this app? Am still looking for Telnet and E-mail programs to run on a 286 with VERY limited resources. If anyone can suggest any, please do!

72/73/oo

Rob, kc0bom

ARRL; FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497; QRPp-I #19

Visit my website! <http://www.qsl.net/kc0bom>

AIM - kc0bom, jimrob4 --- MSN - jimrob@jetnetinc.net

Y! - kc0bom --- ICQ - 114690148

Date: Fri, 8 Mar 2002 16:13:42 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: <qrp-1@lehigh.edu>
Subject: [121635] RMS Power
Message-ID: <Pine.LNX.4.33.0203081604320.1684-100000@Daisy.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

RMS stands for Root Mean Squared and really means the square root of the mean value of a wave function. The math to get this is even more difficult for most people since it involves calculus.

The simpler way to look at things is that the RMS of the power is that amount of heat a AC signal generates in watts. For DC it's just V times I in watts.

There are watt meters for RF (a AC waveform) that couple the RF to a liquid of known quantity, and you measure the temperature rise. But these are big and expensive and not for QRP use.

We use a electronic bridge that works well and can be calibrated with high accuracy. You can make or build one of these.

--
Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -
<http://www.zianet.com/k5di/>

Date: Fri, 8 Mar 2002 15:14:57 -0800
From: "Kory Hamzeh" <kory@avatar.com>
To: <kc0bom@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [121636] RE: "alternate" browsers, e-mail, etc....
Message-ID: <004201c1c6f7\$101c5ac0\$14ce21c7@avatar.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hi Rob,

What TCP/IP stack do you plan to use? I believe there was/is a DOS based NCSA Telnet package that comes with a bunch of TCP/IP utilities. A google search will point you to the right direction.

Kory

```
> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Rob Matherly
> Sent: Friday, March 08, 2002 3:10 PM
> To: Low Power Amateur Radio Discussion
> Subject: "alternate" browsers, e-mail, etc....
>
>
> Was looking for a dos-based Telnet client. Then I got a wild hair
> you-know-where about finding a dos-based e-mail client to run on and old
> 286 I've got laying around. I found http://www.fdisk.com, which had a lot
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> (http://home.arachne.cz/) to a program called Arachne, a dos-based
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> with 500k! There are add-ons you can get to play sounds and other stuff
> too. It says it will display .gif, .jpg, and some other format. You can
> also get a plug-in to play videos.
>
> Does anyone have any experience with this app? Am still looking
> for Telnet
> and E-mail programs to run on a 286 with VERY limited resources.
> If anyone
> can suggest any, please do!
>
> 72/73/oo
> Rob, kc0bom
> ARRL; FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497; QRPp-I #19
>
> -----
> Visit my website! http://www.qsl.net/kc0bom
>
> AIM - kc0bom, jimrob4 --- MSN - jimrob@jetnetinc.net
```

> Y! - kc0bom --- ICQ - 114690148
>
>
>

Date: Fri, 8 Mar 2002 18:18:44 EST
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [121637] Band interference
Message-ID: <141.abe662f.29baa0d4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Just an observation. It sure appears that the band interference on 40m and sometimes on 20m ONLY occurs during QRP contests

Alan KB7MBI in Woodinville, WA
FISTS 5702 Proud member of ARRL

Date: Fri, 8 Mar 2002 15:35:06 -0800
From: Mark Schoonover <schoon@amgt.com>
To: "'kory@avatar.com'" <kory@avatar.com>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [121638] RE: "alternate" browsers, e-mail, etc....
Message-ID: <BF889CEBEFD2D511B993009027F60ABE1554BE@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Now this is a blast from the past!! In the golden days, most NIC vendors shipped the packet drivers with their cards for DOS use. Not sure if that's true today...

72

.mark

-----Original Message-----
From: Kory Hamzeh [mailto:kory@avatar.com]
Sent: Friday, March 08, 2002 3:15 PM
To: Low Power Amateur Radio Discussion
Subject: RE: "alternate" browsers, e-mail, etc....

Hi Rob,

What TCP/IP stack do you plan to use? I believe there was/is a DOS based NCSA Telnet package that comes with a bunch of TCP/IP utilities. A google search will point you to the right direction.

Kory

```
> -----Original Message-----
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> Rob Matherly
> Sent: Friday, March 08, 2002 3:10 PM
> To: Low Power Amateur Radio Discussion
> Subject: "alternate" browsers, e-mail, etc....
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> Was looking for a dos-based Telnet client. Then I got a wild hair
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> can suggest any, please do!
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> 72/73/oo
> Rob, kc0bom
> ARRL; FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497; QRPp-I #19
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> Visit my website! http://www.qsl.net/kc0bom
>
> AIM - kc0bom, jimrob4 --- MSN - jimrob@jetnetinc.net
```

> Y! - kc0bom --- ICQ - 114690148
>
>
>

Date: Fri, 8 Mar 2002 15:39:27 -0800
From: "Kory Hamzeh" <kory@avatar.com>
To: "Mark Schoonover" <schoon@amgt.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [121639] RE: "alternate" browsers, e-mail, etc....
Message-ID: <004501c1c6fa\$7cb45040\$14ce21c7@avatar.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Packet drivers are harder and harder to find for NIC cards these days. But they are just Layer 1 (Ethernet) drivers. You still need to run a IP stack (Layer 2 and 3) over the driver.

We should probably take this offline since it isn't even remotely QRP related.

Kory

> -----Original Message-----
> From: Mark Schoonover [mailto:schoon@amgt.com]
> Sent: Friday, March 08, 2002 3:35 PM
> To: 'kory@avatar.com'; Low Power Amateur Radio Discussion
> Subject: RE: "alternate" browsers, e-mail, etc....
> Importance: High
>
>
> Now this is a blast from the past!! In the golden days, most NIC vendors
> shipped the packet drivers with their cards for DOS use. Not sure
> if that's
> true today...
>
> 72
>
> .mark
>
> -----Original Message-----
> From: Kory Hamzeh [mailto:kory@avatar.com]

> Sent: Friday, March 08, 2002 3:15 PM
> To: Low Power Amateur Radio Discussion
> Subject: RE: "alternate" browsers, e-mail, etc....
>
>
> Hi Rob,
>
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> NCSA Telnet package that comes with a bunch of TCP/IP utilities. A google
> search will point you to the right direction.
>
> Kory
>
>
> > -----Original Message-----
> > From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU]On Behalf Of
> > Rob Matherly
> > Sent: Friday, March 08, 2002 3:10 PM
> > To: Low Power Amateur Radio Discussion
> > Subject: "alternate" browsers, e-mail, etc....
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> > can suggest any, please do!
> >
> > 72/73/oo
> > Rob, kc0bom

> > ARRL; FP Qrp -330; Live-Wire #442; IA QRP #143; SOC #497; QRPP-I #19
> >

Date: Fri, 8 Mar 2002 16:46:21 -0700
From: William R Colbert <w5xe@juno.com>
To: qrp-1@lehigh.edu
Subject: [121640] Re: Interference With Fox
Message-ID: <20020308.164623.-381819.7.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As a matter of fact I looked out to see if someone was working on the timing of their motor. Something that is skipping in and today it is on 15 meters, covering the bottom 100 Khz but no peak that I can fine, and took the Racal 6217 outside the bands to see if it may be near but drops off about 15-20 kc out of the bottom of the band. about 5pps, and it almost sounds like the ocean bottom mapping radar but with some sort of changes from before. I think the FCC got on to some research outfit for that, and maybe they need to be informed on this one, too.

Date: Fri, 08 Mar 2002 18:58:41 -0500
From: "E. Roswell" <eroswell@monmouth.com>
To: qrp-1@Lehigh.EDU
Subject: [121641] Re: Harbor Freight Hand Punch [part 2]
Message-ID: <3C895031.28EFDAEE@monmouth.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Copied and pasted from the Harbor Freight web site:
Punch holes in thin sheet steel, aluminum, and brass. Powerful, lightweight tool punches mild steel as thick as 16 gauge.

Includes 2mm, 3mm, 4mm, 4.5mm, 5.5mm, 6mm and 7mm punch and dies, and a handy storage case.

ITEM 44060-1VGA

\$16.99

And, for you snowbirds coming North soon from sunny Fla, up I-95, look for the new Harbor Freight warehouse and retail store on the east side, at Dillon, SC, exit #190. (Unfortunately for most of you, it does not open until April sometime).

73, Ed,

K2MGM

End of QRP-L Digest 2488

